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EA Running Wild

User Manual.

EA Running Wild.com

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Basic information:

The Expert Advisor name:

- Running Wild

Compiled by:

- **Eng. Piotr Fryjewicz**
- **Bogdan Kobak**

Coded by:

- **MA Piotr Storozhenko**

The Expert Advisor dedicated to the trading platform:

- **MetaTrader 4**

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- **Ichimoku Ltd.** www.ichimoku.eu www.earunningwild.com

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EA Running Wild

Table of contents:

I. EA Running Wild — Introduction. 1

The features and functions of EA Running Wild. 3

What are the real possibilities when operating with EA Running Wild? 5

Operation no. 1)

Operation no. 2)

Operation no. 3)

Operation no. 4)

Statement: 23

II. EA Running Wild — The course of action after the purchase of EA. 26

III. EA Running Wild — The system requirements. 27

IV. EA Running Wild — Installing Expert Advisor on the MT4 platform. 28

V. EA Running Wild — Essential information. 32

1. Setup and preparation of the MT4 platform for algorithmic trading. 32

Push notifications on the EA concluded operations — available optionally on a mobile device.

2. What should one keep in mind before launching Expert Advisor'a Running Wild? 36

3. Launching the Running Wild Operations Assistant. 38

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Applying EA Running Wild onto the chart window.
4. EA Running Wild pre-sets.....41
5. Working with the EA Running Wild Operations Assistant. 47
It can't get any simpler!
A pending order did not come through.
The template vs. enrolling Expert Advisor in its lineup.
When does the EA Running Wild program make the recalculations?
Removing the chart window vs EA Running Wild.
Archiving operations via screenshots (Real and Demo PrtSc).
VI. EA Running Wild — Button panel / robot functions / operations description. _____55
The EA work menu panel. 55
Buttons / windows / functions of the large EA work panel.
Buttons / windows / functions of the bottom bar of the EA work panel.
VII. Optimizing Risk vs. Maximizing Profit (Money Management) — Theory. _____68
Investment returns vs. risk level. 68
Tokens instead of operating on the entire capital — or how to increase the security of conducting trading operations on the market?!.....69
Positive pyramiding 70
Positive pyramiding; two approaches — two methods:
Summary for examples (1) and (2):

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VIII. Strategy tester — test your settings before you operate. ____ 83
How to use the strategy tester on the MetaTrader 4 platform? 83
IX. EA Running Wild — Examples of choosing EA settings for selected instruments. ____ 95
What are the opportunities of operating on Majors and Minors currency pairs? 95
Is it possible to get a result of 60 x account from one swing?
The answer is YES :) — it is possible!
What opportunities exist for operating on cryptocurrencies? 125
What results can we get during customary price movements?
X. EA Running Wild — Operating on the real market. ____ 148
Hardware requirements: 149
XI. EA Running Wild — FAQ. ____ 153
1. Operations conducted on the real and demo market — FAQ. 153
2. Operations conducted on the tester — FAQ. 178

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I. EA Running Wild — **Introduction.**

Running Wild — your Professional Operation Assistant; is an Executive Tool (Expert Advisor, EA) to facilitate trading, allowing you to automatize the opening and running of positions, also with the possibility of their correct positive pyramiding. This software allows you to operate on any instrument available on the MetaTrader 4 trading platform. The obtained license allows to operate on multiple commercial User accounts. The program is an essential tool for issuing orders and conducting commercial operations. With the help of this tool, calculating the size of the positions to be opened also for the positive pyramid, or hedging levels matching the size of the account's capital, and their precise issuance becomes possible in a very short time. The effort to perform complex calculations is minimized many times compared to that carried out using an Excel spreadsheet and manually entering orders into a table. Dynamic — algorithmic management of positive pyramid positions, carried out with the recognition of the size of positions during adjustments, allowing to achieve above-average results, becomes available from now on! By using EA Running Wild you hire the best employee who: doesn't sleep, doesn't eat, doesn't hesitate, and their reaction time is measured in milliseconds! The robot was designed using the knowledge and experience of traders who use the token positive pyramiding strategy on a daily basis, as well as taking into account their expectations, resulting in the presented tool.

With the help of a work panel located directly on the chart, you can simply and easily control the settings of the most relevant operational parameters. The program allows you to plot order levels graphically as well as with the use of a built-in spreadsheet, where you can enter designated price values for market Entry, or levels for cutting losses (Stop Loss (SL)) and collecting profits (Take Profit (TP)). Both immediate and pending requests including Limit and Stop are supported. All Input orders of the first and subsequent operations remain hidden — invisible to the broker until they are executed. In addition, the SL level and the price of the actual TP are hidden in relation to the issued.

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The graphical determination of Entry, TP and SL levels is done by dragging active lines across the screen. This solution significantly simplifies and speeds up the work, and eliminates the possibility of so-called Czech errors.

From now on, professional Money Management (MM) **has become much easier!** Matching the size of the position in lots to the size of the capital of a given trading account is done fully automatically, so that as it changes, a constant — the assumed risk level is maintained.

The graphical representation of the levels of inclusion and addition of positions as well as the graphical representation of the percentage decrease in the equity of the account at a given price retreat from the entry level, significantly facilitates the verification of whether the preset settings are adequate to the prevailing market conditions and whether the assumed operating margin is appropriately matched to the current range of price fluctuations, moreover, **it allows a quick assessment of these parameters even before opening the first operation.**

The main feature and also the default skill of the robot is to automatically conduct **Positive Pyramiding*** matched to the size of the trading account on which the EA is installed. Innovative pyramiding with recognition of position size during correction; or traditional pyramiding without recognition of position size during correction using weighted SL level from now on is achievable for every Running Wild user. It is also possible to issue a single operation that matches the size of the trading account.

* **"Positive Pyramiding"** is the ability to reinvest the profit from the open position(-s) already making a profit.

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The features and functions of EA Running Wild.

- The innovative pyramiding function with capturing the size of the position during correction.
- The traditional pyramiding function without capturing the size of the position during the correction.
- The function of conducting the break-even point (Break Even) weighted for the whole pyramid and graphically representing its level on the chart.
- The function of piloting the level of loss cut (Stop Loss) on each tick or at candle closing prices.
- The function of cutting losses (Stop Loss) and collecting profits (Take Profit) set as a value on the capital.
- The function of closing positions and deleting orders at the indicated time.
- The function of setting the expiration time of a pending order.
- The function of opening a position at a given AMP time (at the market price), e.g., just before the entry of the news.
- The function of automatic hedging of open operations at the end of the day or weak and automatic removal of hedges when the market opens.
- The function of taking screenshots just before and just after the operation and archiving them.
- The function tested using the built-in MetaTrader 4 strategy tester. You do not need to buy a separate forex tester! This feature significantly accelerates the learning of trading.
- Customizable settings; ability to receive push notifications to your phone.
- In addition, special functions — dedicated to those using the Ichimoku kinkōhyō technique:
  - dynamic Stop-Profit; the ability to dynamically pilot automatically determined on a statistical basis deviations of the price from the Guiding (Tenkan-Sen) and Standard (Kijun-Sen) lines; and when they are exceeded, close with profit of the open operations,
  - the possibility of optional closing of positions after crossing the closing price of one of the selected leading lines Tenkan-Sen / Kijun-Sen / Senkou-SpanB.

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As the ichimoku.eu team, **we consider Money Management to be the most important issue that has the greatest impact on the outcome of financial market operations carried out.** You need to pay **special attention** to it, because **regardless of the strategy you follow** when you open the operation, the price has only three possibilities: it will rise, fall or stay unchanged. However, as soon as it moves, the impulse will be significant, and **this should absolutely be exploited!**

It is with great pleasure that we hand over to you a phenomenal tool — the "Running Wild" Position Leading Assistant**, the functionality of which we have enriched with a hitherto unpresented, unique way of managing the sizes of the positive pyramid* position.** This solution allows dynamic — fully automatic adjustment of position size to price fluctuations, also during corrections. **This unusual way of pyramiding operations,** "with the recognition of the size of the position" during correction, **allows you to make extraordinary profits from your trading operations;** from now on it is also available to you.

It had cost us many years of work to develop this **way of managing positions**, you get **a ready-made solution** the moment you purchase the Running Wild Operations Assistant. Below we have described a number of issues that **will allow you to take advantage of the amazing opportunities** it offers. Before using it for the first time, we encourage you to thoroughly familiarize yourself with this publication, because **any tool, even the best one, used incorrectly will bring different results than expected**, won't it? Your Operations Assistant **will solve many issues for you, but** remember that even **unique tools and software** will not ensure your success, **neither will it gain experience for you**, it can only make the process much simpler and faster! We wish you fruitful operations with EA Running Wild 😀

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What are the real possibilities when operating with EA Running Wild?

In order to better illustrate how great the possibilities of proper money management are, let's use the recent operations performed with the Running Wild Operations Assistant on one of our trading accounts. All four operations were published in real time, among others, on our Telegram channel and the Ichimoku Waves Meter Facebooku. account available to our customers.

Terms and conditions of the merchant account:	
Trading account type:	ECN
Levar:	500
Launch capital:	1 000,- EUR
Capital after closing the fourth operation:	51 975,- EUR

Operations:			
No.:	CFD Instrument:	Opening:	Closing:
1	USDJPY	2022.10.24 16:55 (UTC)	2022.10.27 10:17 (UTC)
2	USDJPY	2022.11.10 15:43 (UTC)	2022.11.11 12:47 (UTC)
3	USDJPY	2022.11.28 10:35 (UTC)	2022.12.01 22:22 (UTC)
4	AUDJPY	2022.12.15 11:56 (UTC)	2022.12.20 05:29 (UTC)

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EA Running Wild

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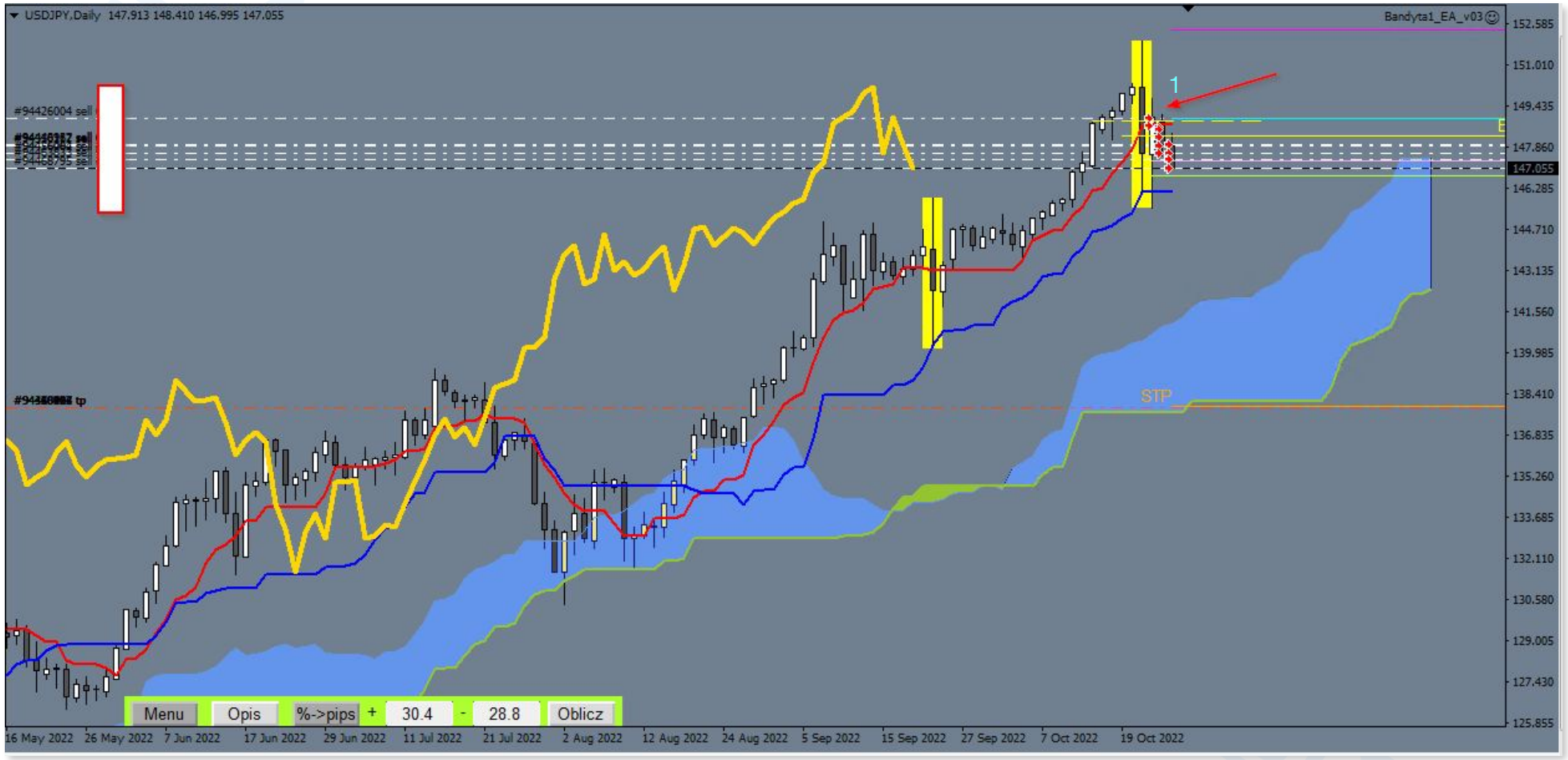
Operation no. 1)



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Ichimoku Waves Meter

Dyskusja Członkowie Multimedia Pliki Reels

Bogdan Kobak
Administrator Najbardziej zasłużony członek · 26 października ·

USD/JPY Run nr1 pierwsze podejście do tej pary, po drugiej interwencji BOJ nastąpiło szybkie odreagowanie, dużo słabsze od poprzedniego, obrona ½ formacji świecowej uaktywniło zlecenie. SLK 50% , target 20x konto. Układ ma duże szanse realizacji, prawdopodobnie w najbliższym czasie nie będzie potrzebna już kolejna interwencja.
Krypto-piramida buduje się wolniej , mniejsza dzwignia, ale gdy wzrośnie zmienność będzie dobry potencjał do budowania kolejnych pozcji.
EDIT: cena dociera do 8-dniowej konsolidacji, reakcja, pozycje zamknięte. Po przebiciu wsparcia możliwa kontynuacja z kolejnym targetem.

Telegram

Ichimoku.eu
754 subskrybentów

26 października

Ichimol 619 12:02

października
2022

27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

SILVER positior caused seen fr evenly medium

SILVER
po dobrych cenach, luka między zleceniami spowodowana jest zdejmowaniem nadmiaru pozycji, co widać po świecach z cieniami. W momencie przyspieszenia będzie to bardziej równomierne. Target jako średnioterminowy cykl.

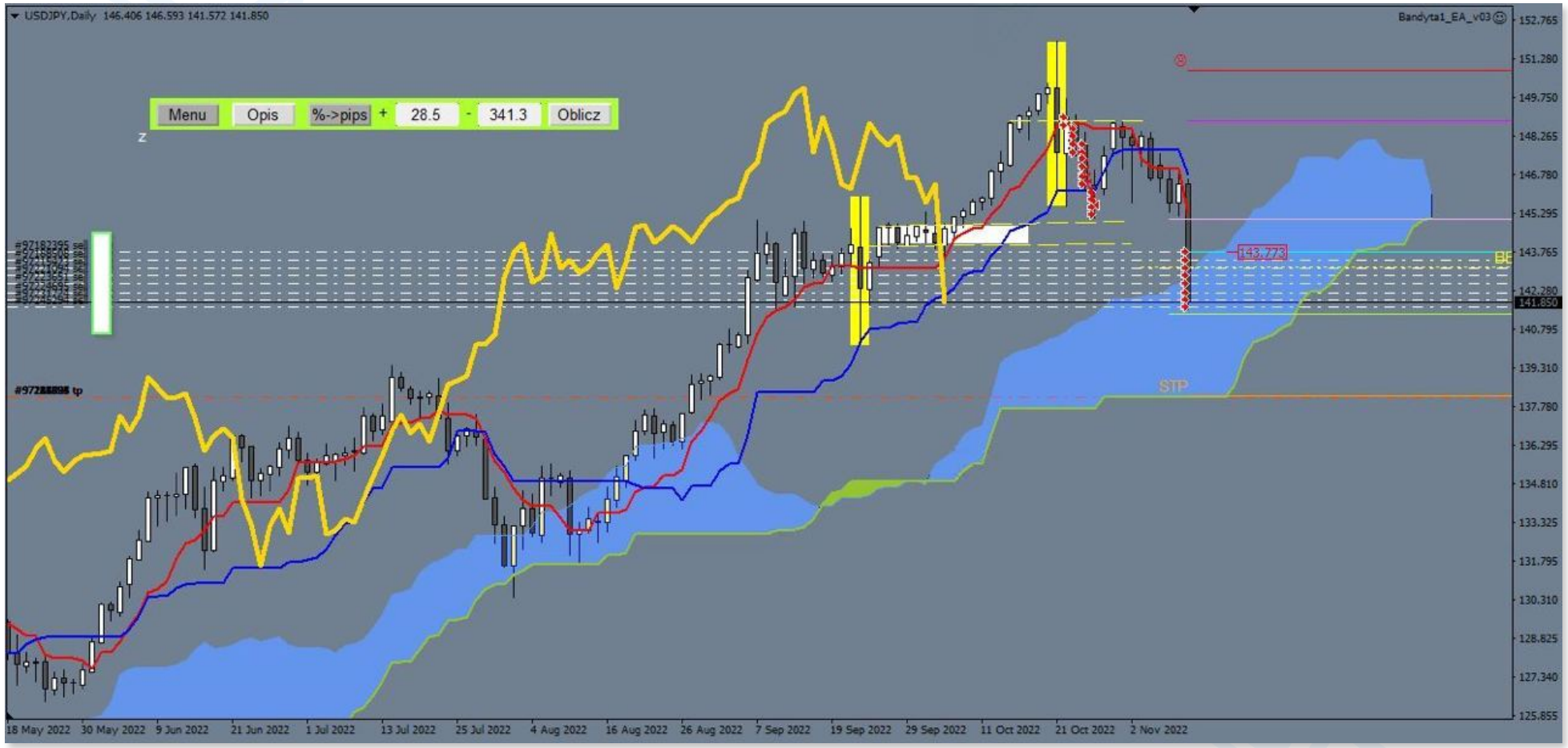
Ichimoku.eu 791 12:04

USD/JPY Run No1 first approach to this pair, after the second BOJ intervention there was a quick rebound, much weaker than the previous one, defense of ½ candlestick formation activated the order. SLK 50% (stop los on capital) , target 20x account. The arrangement has a good chance of realization, probably no further intervention will be needed in the near future.

USD/JPY Run nr1 pierwsze podejście do tej pary, po drugiej interwencji BOJ nastąpiło szybkie odreagowanie, dużo słabsze od poprzedniego, obrona ½ formacji świecowej uaktywniło zlecenie. SLK 50% , target 20x konto. Układ ma duże szanse realizacji, prawdopodobnie w najbliższym czasie nie będzie potrzebna już kolejna interwencja.

Z o. o. are prohibi

Operation no. 2)



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Telegram

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10 listopada

Ichimoku.eu 735 20:26

EN
USD/JPY analysis update October 26, the breakout of the 143.77 level , below the 8-day consolidation activated a pyramid and subsequent sell orders.

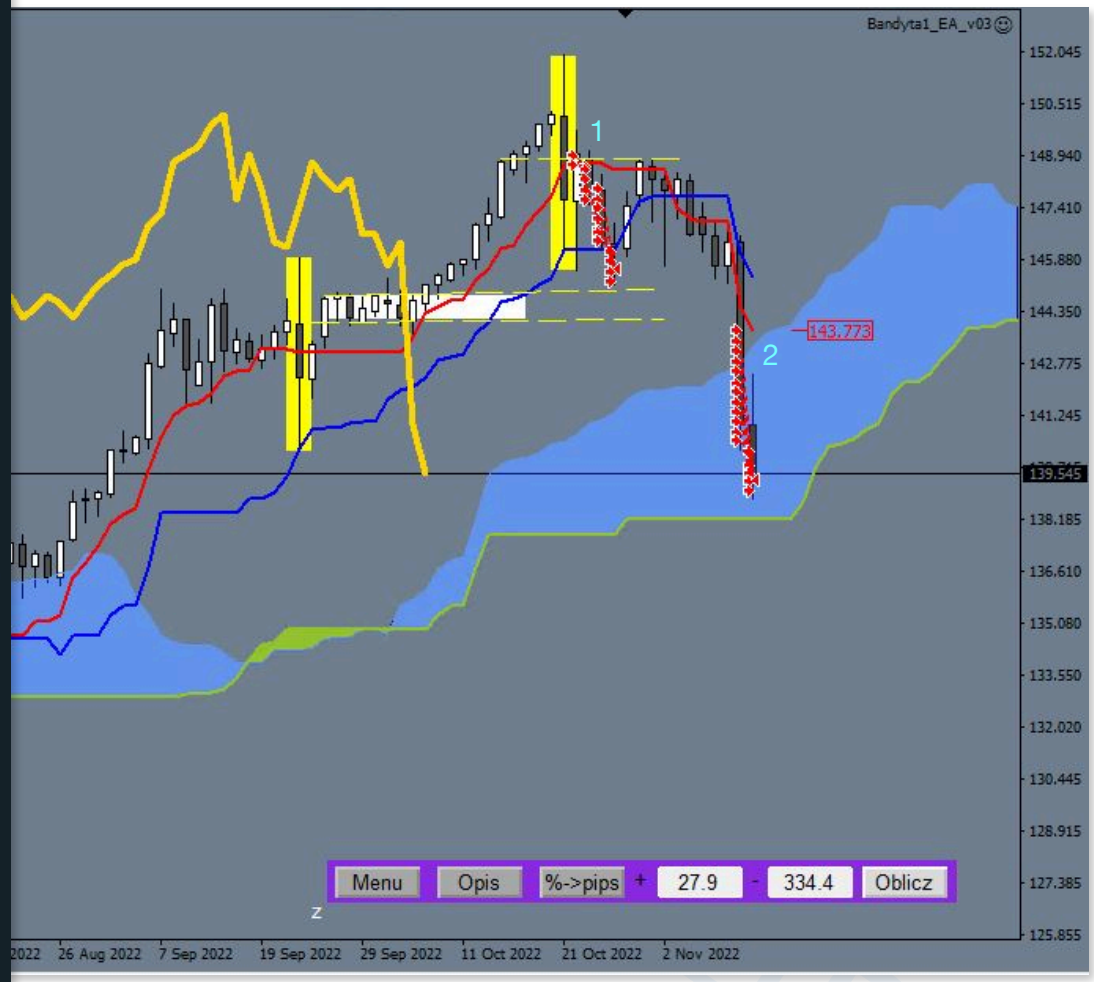
PL
USD/JPY aktualizacja analizy 26 października, wybicie poziomu 143.77 , poniżej 8-dniowej konsolidacji aktywowało piramidę i kolejne zlecenia sell.

15 listopada

Ichimoku.eu 534 12:54
https://youtu.be/6vu5hnJpTIs

YouTube
Overview of the markets with ICHIMOKU / Value: SAM.NYSE Boston Beer Company 14.11.2022
Ichimoku kinkōhyō is not just the five lines of ichimoku, there are three great theories of Ichimoku Kinkohyo: Time Theory, Wave Movement Theory and Target Price Theory.

Ichimoku.eu Team - ABOUT US -
We are a group of traders interested in the Ich...



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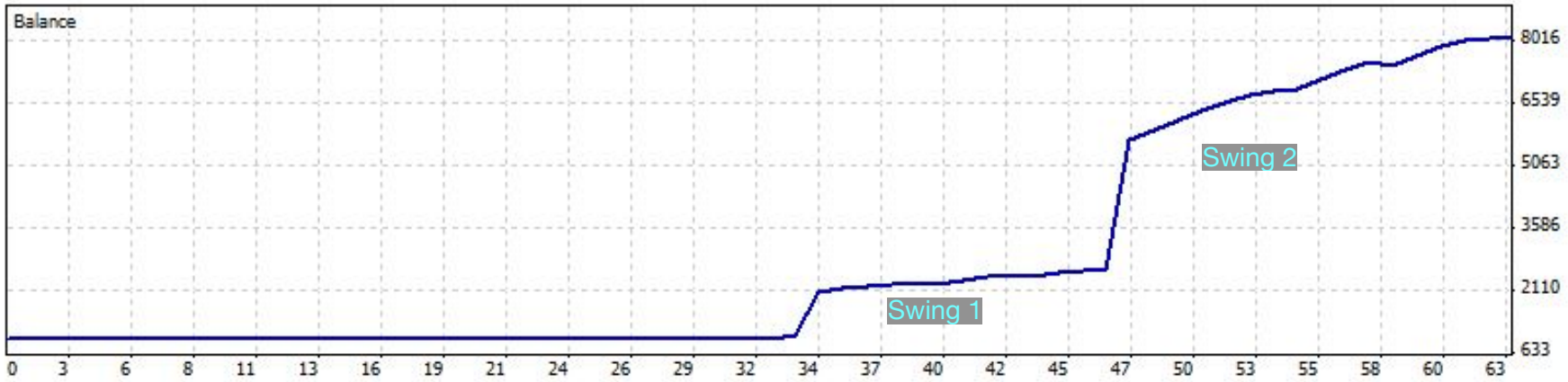
Working Orders:

Ticket	Open Time	Type	Size	Item	Price	S / L	T / P	Market Price	
No transactions									

Summary:

Deposit/Withdrawal:	**1 000.00**	**Credit Facility:**	**0.00**		
Closed Trade P/L:	**7 079.33**	**Floating P/L:**	**0.00**	**Margin:**	**0.00**
Balance:	**8 079.33**	**Equity:**	**8 079.33**	**Free Margin:**	**8 079.33**

Details:



Gross Profit:	**7 270.38**	**Gross Loss:**	**191.05**	**Total Net Profit:**	**7 079.33**
Profit Factor:	**38.05**	**Expected Payoff:**	**112.37**		
Absolute Drawdown:	**11.59**	**Maximal Drawdown:**	**59.19 (0.79%)**	**Relative Drawdown:**	**1.48% (14.95)**
Total Trades:	**63**	**Short Positions (won %):**	**63 (68.25%)**	**Long Positions (won %):**	**0 (0.00%)**
		Profit Trades (% of total):	**43 (68.25%)**	**Loss trades (% of total):**	**20 (31.75%)**
Largest		**profit trade:**	**3 098.55**	**loss trade:**	**-59.19**
Average		**profit trade:**	**169.08**	**loss trade:**	**-9.55**
Maximum		**consecutive wins ($):**	**11 (4 939.08)**	**consecutive losses ($):**	**2 (-12.40)**
Maximal		**consecutive profit (count):**	**4 939.08 (11)**	**consecutive loss (count):**	**-59.19 (1)**
Average		**consecutive wins:**	**3**	**consecutive losses:**	**1**

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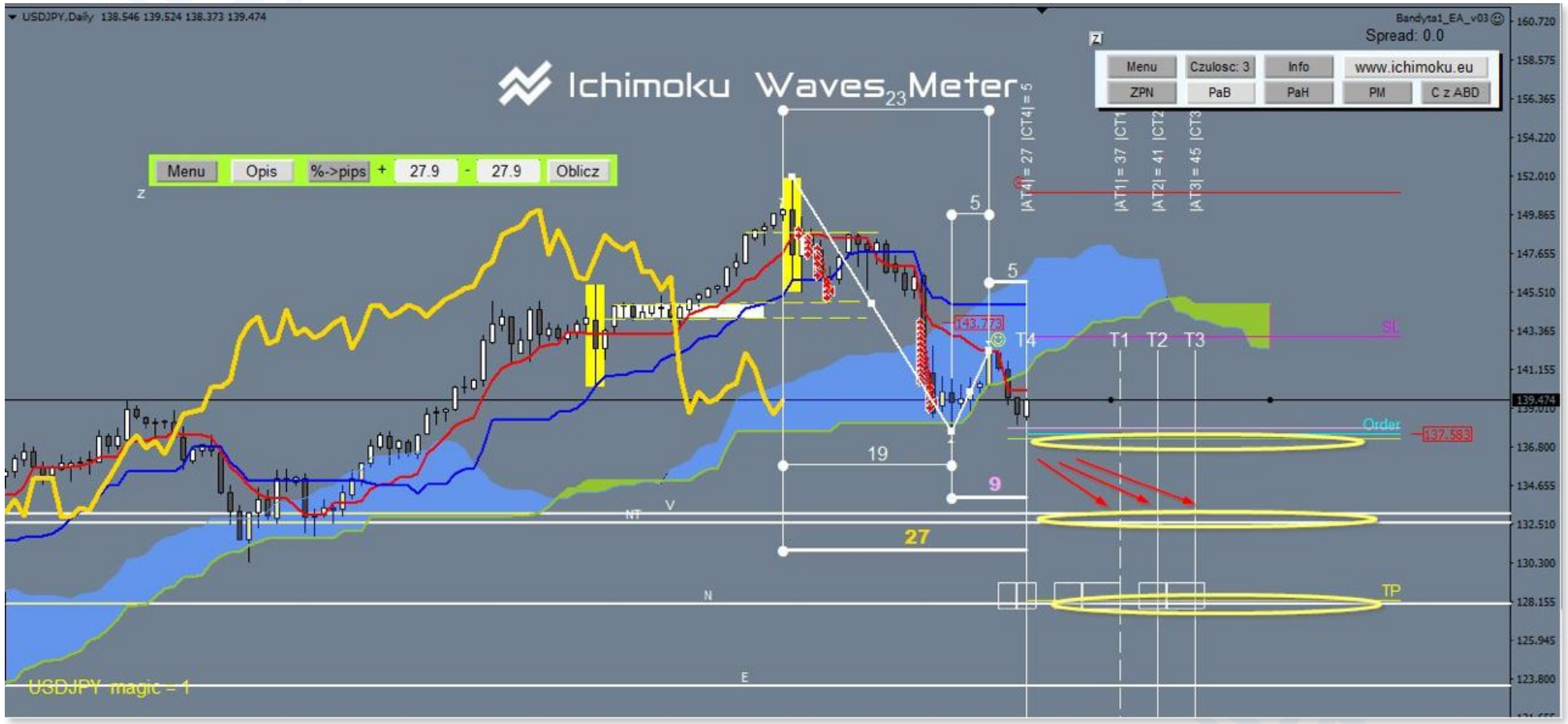
Operation no. 3)

The analysis as of 25/11/2022:



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Telegram

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754 subskrybentów

25 listopada

Ichimoku

listopada
2022

30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

EN;
Summary of the week, pyramiding EA Running Wild.

ETHUSD Ethereum positions closed 21.11 (Monday) price tested the minimum of the previous downward wave.

AUD/USD after the rebound from the tenkan sen price quickly reaches the maxima, pyramid closed 24.11, currently watching the current zone , with the formation of wave N continue and build more positions.

USD/JPY pending order on the breakout of the previous minimum , breakout of point B , will confirm the formation of wave N. Target will determine the next days change.

Telegram

Ichimoku.eu
754 subskrybentów

Ichimoku.eu 25 listopada 507 20:30

PL:
Podsumowanie tygodnia , piramidowanie EA Running Wild.

ETHUSD Ethereum pozycje zamknięte 21.11 (poniedziałek) cena przetestowała minimum poprzedniej fali spadkowej.

AUD/USD po odbiciu od tenkan sen cena szybko dociera do maksimów , piramida zamknięta 24.11 , aktualnie obserwacja obecnej strefy , przy powstaniu fali N kontynuacja i budowanie kolejnych pozycji .

USD/JPY zlecenie oczekujące na wybicie poprzedniego minimum, przebicie punktu B , potwierdzi powstanie fali N. Target określą kolejne dni zmiany.

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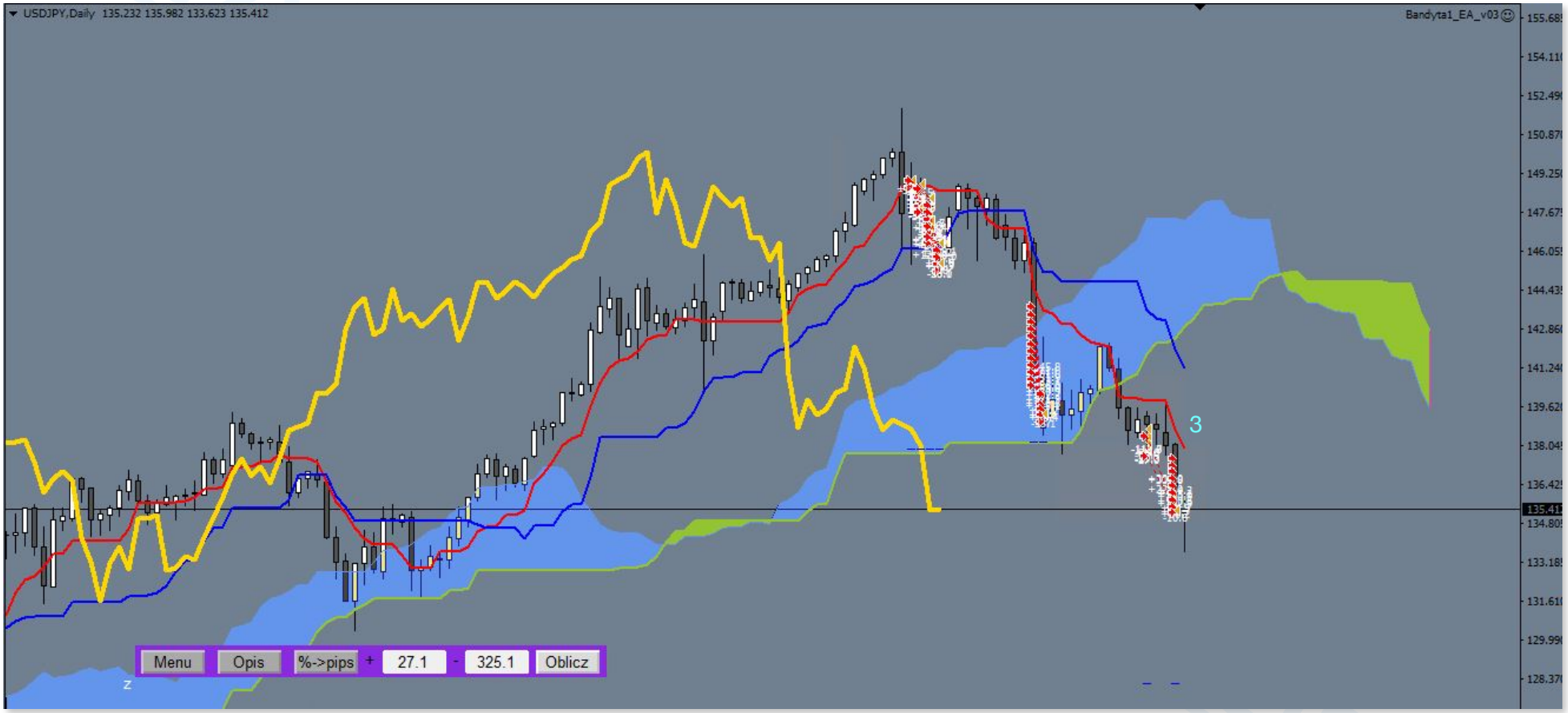

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								Floating P/L:	0.00

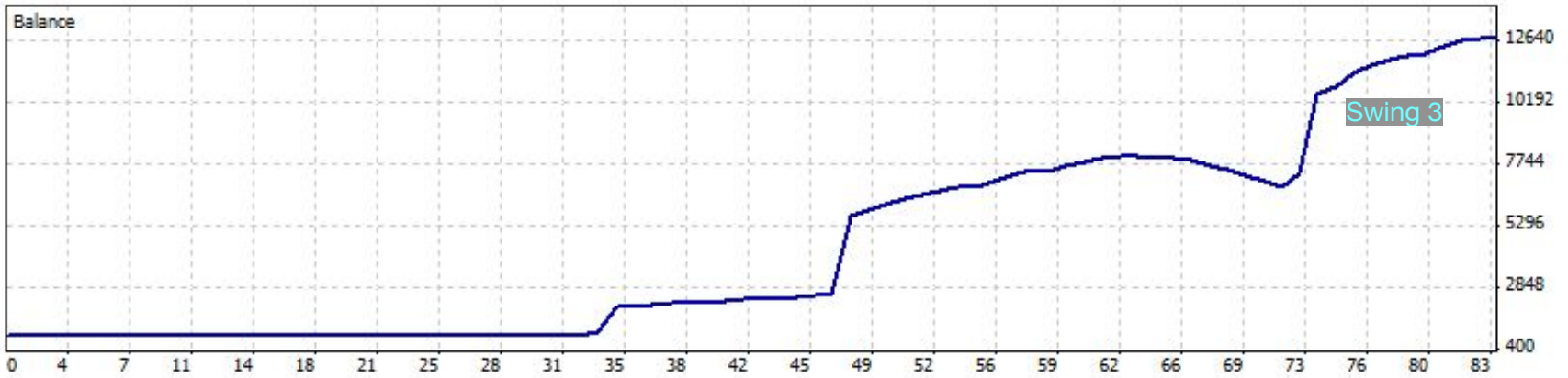
Working Orders:

Ticket	Open Time	Type	Size	Item	Price	S / L	T / P	Market Price	
No transactions									

Summary:

Deposit/Withdrawal:	1 000.00	Credit Facility:	0.00		
Closed Trade P/L:	11 732.52	Floating P/L:	0.00	Margin:	0.00
Balance:	12 732.52	Equity:	12 732.52	Free Margin:	12 732.52

Details:



Gross Profit:	13 198.97	Gross Loss:	1 466.45	Total Net Profit:	11 732.52
Profit Factor:	9.00	Expected Payoff:	141.36		
Absolute Drawdown:	11.59	Maximal Drawdown:	1 255.89 (15.52%)	Relative Drawdown:	15.52% (1 255.89)
Total Trades:	83	Short Positions (won %):	83 (65.06%)	Long Positions (won %):	0 (0.00%)
		Profit Trades (% of total):	54 (65.06%)	Loss trades (% of total):	29 (34.94%)
Largest		profit trade:	3 160.33	loss trade:	-236.97
Average		profit trade:	244.43	loss trade:	-50.57
Maximum		consecutive wins ($):	11 (5 928.59)	consecutive losses ($):	9 (-1 255.89)
Maximal		consecutive profit (count):	5 928.59 (11)	consecutive loss (count):	-1 255.89 (9)
Average		consecutive wins:	3	consecutive losses:	2

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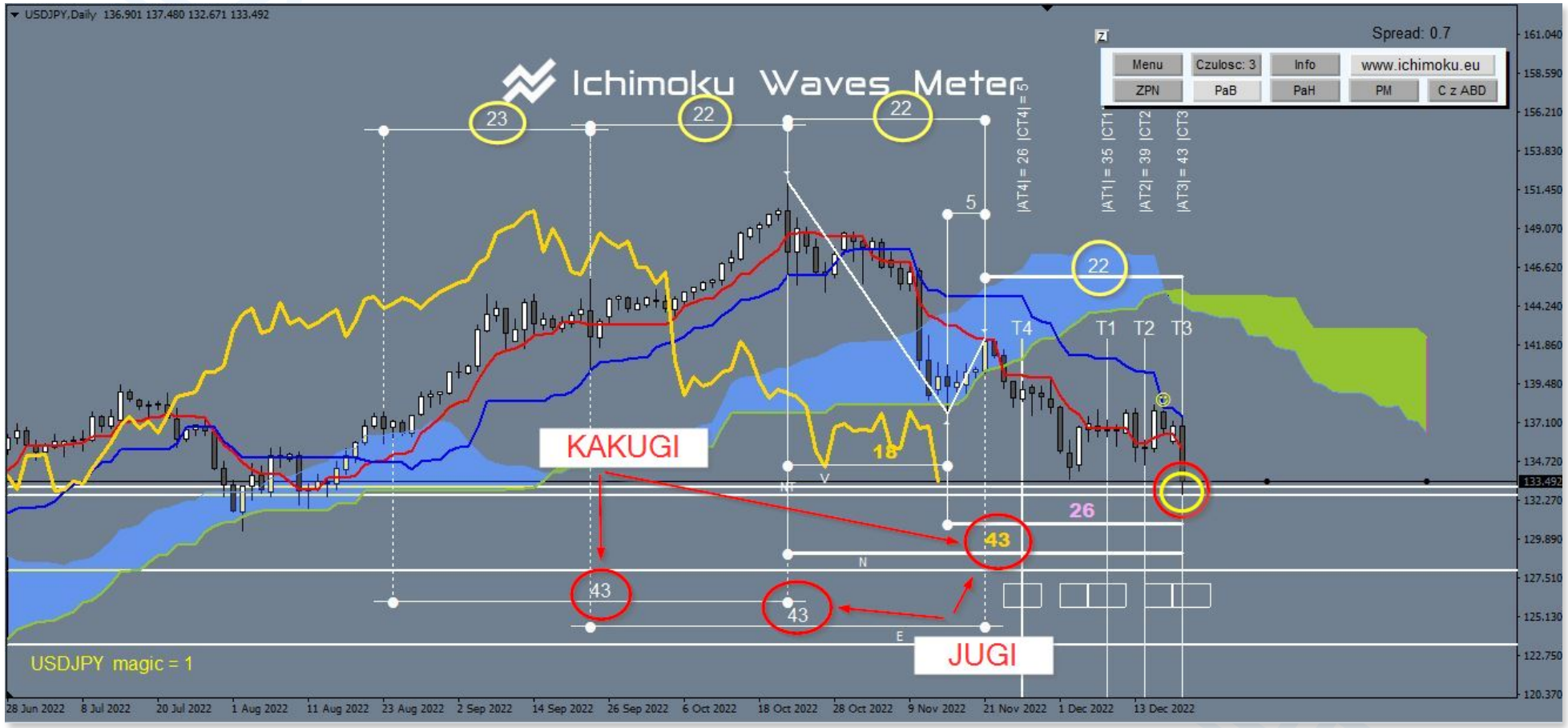
The summary of the analysis on **Telegram** as of 20/12/2022:



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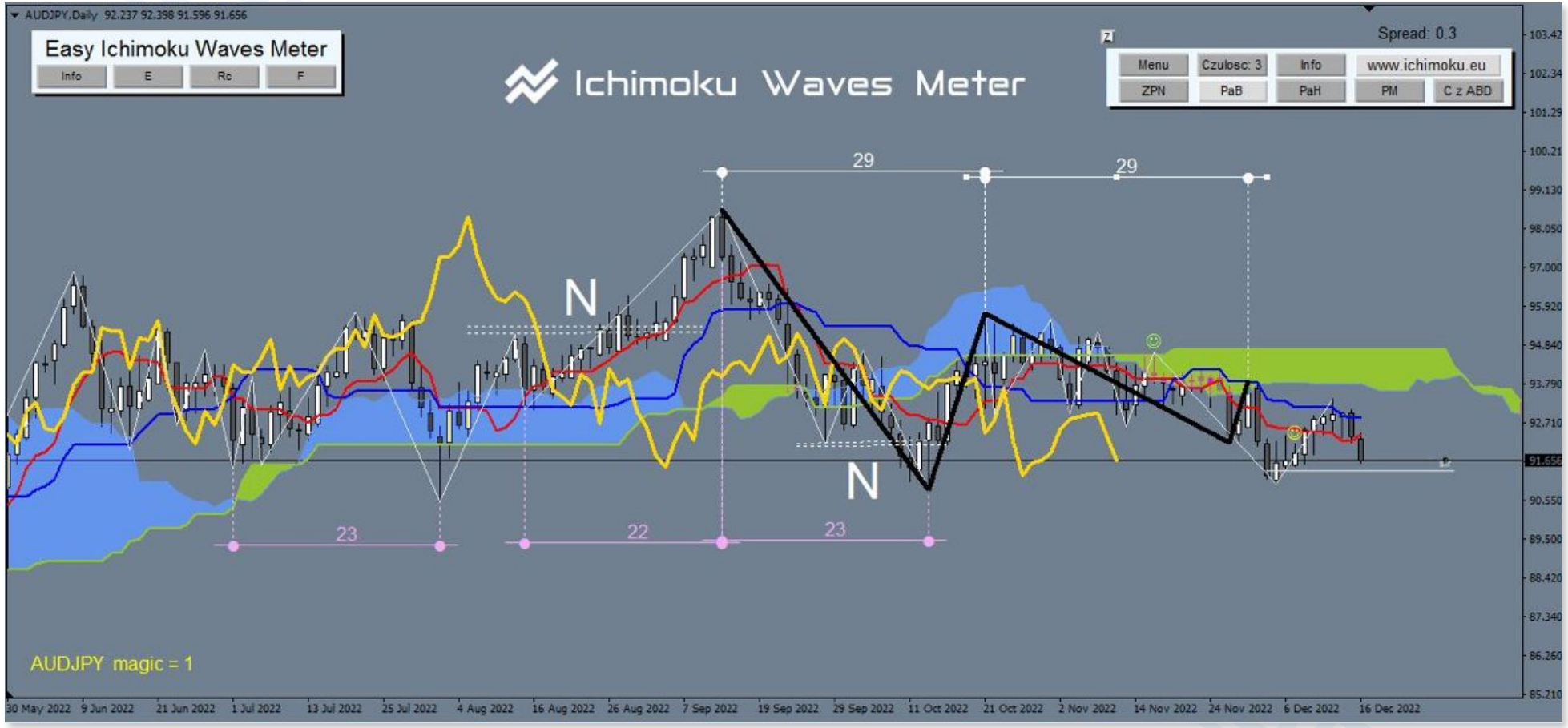
Operation no. 4)

The analysis as of 16/12/2022:



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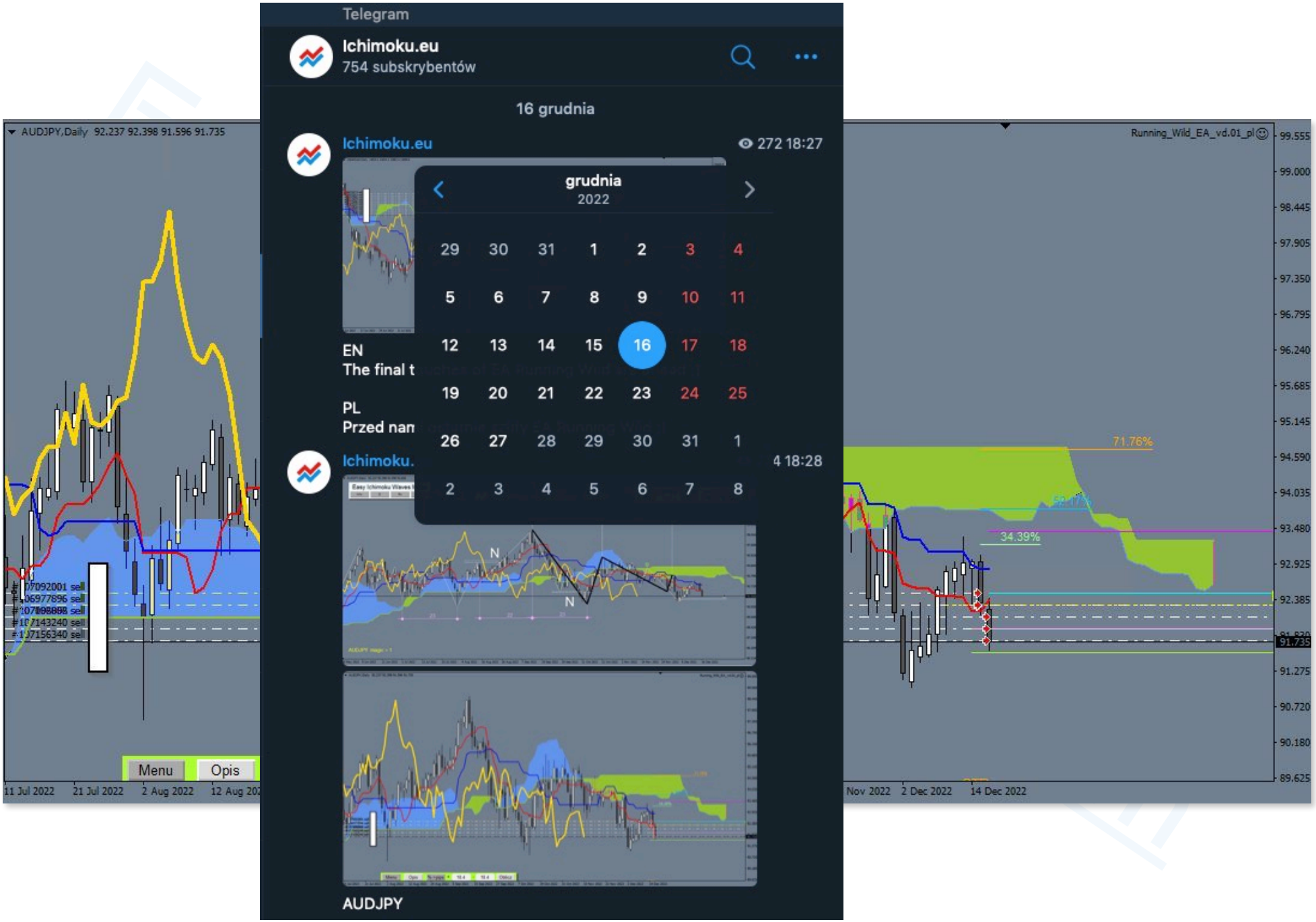

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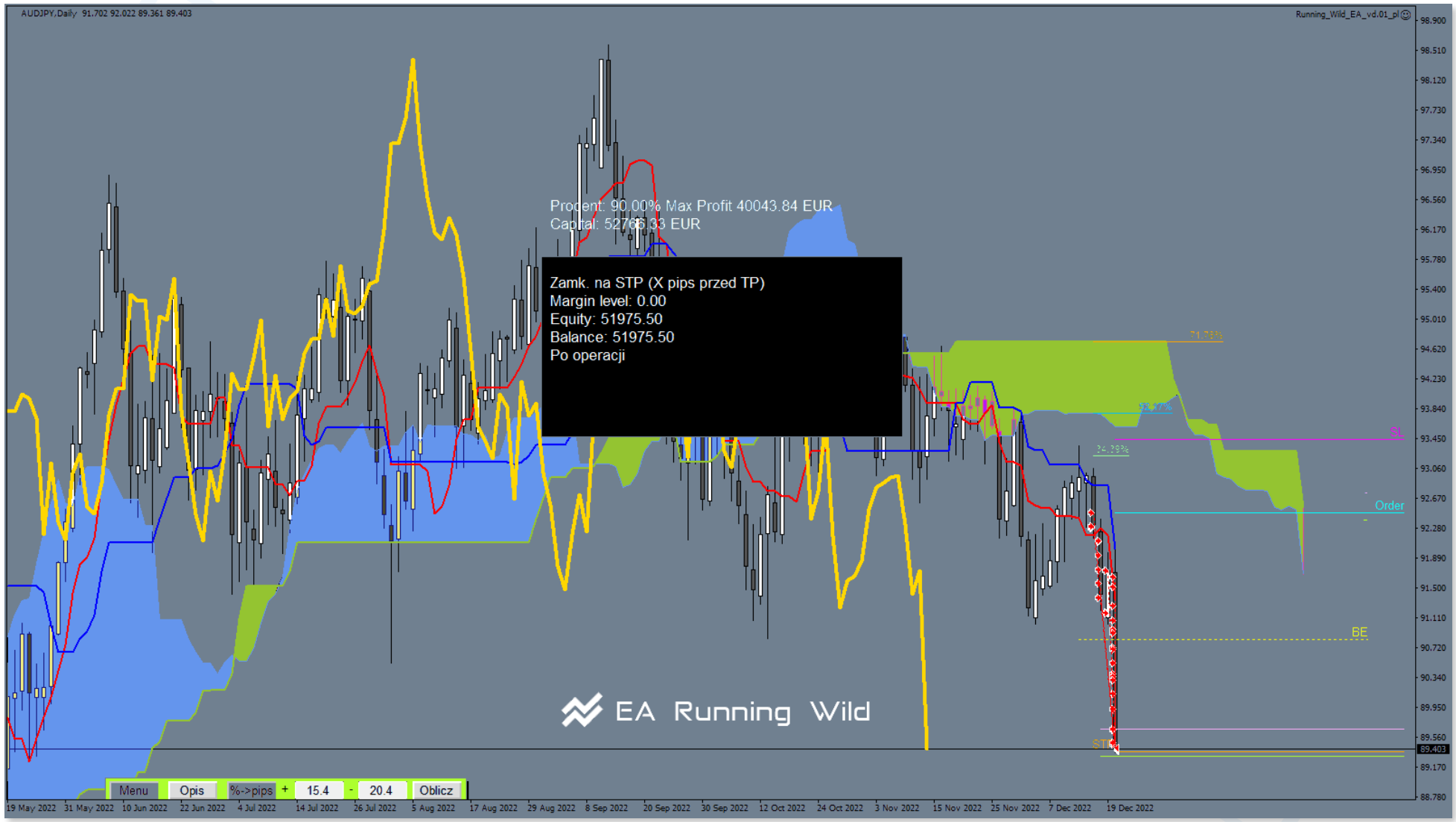

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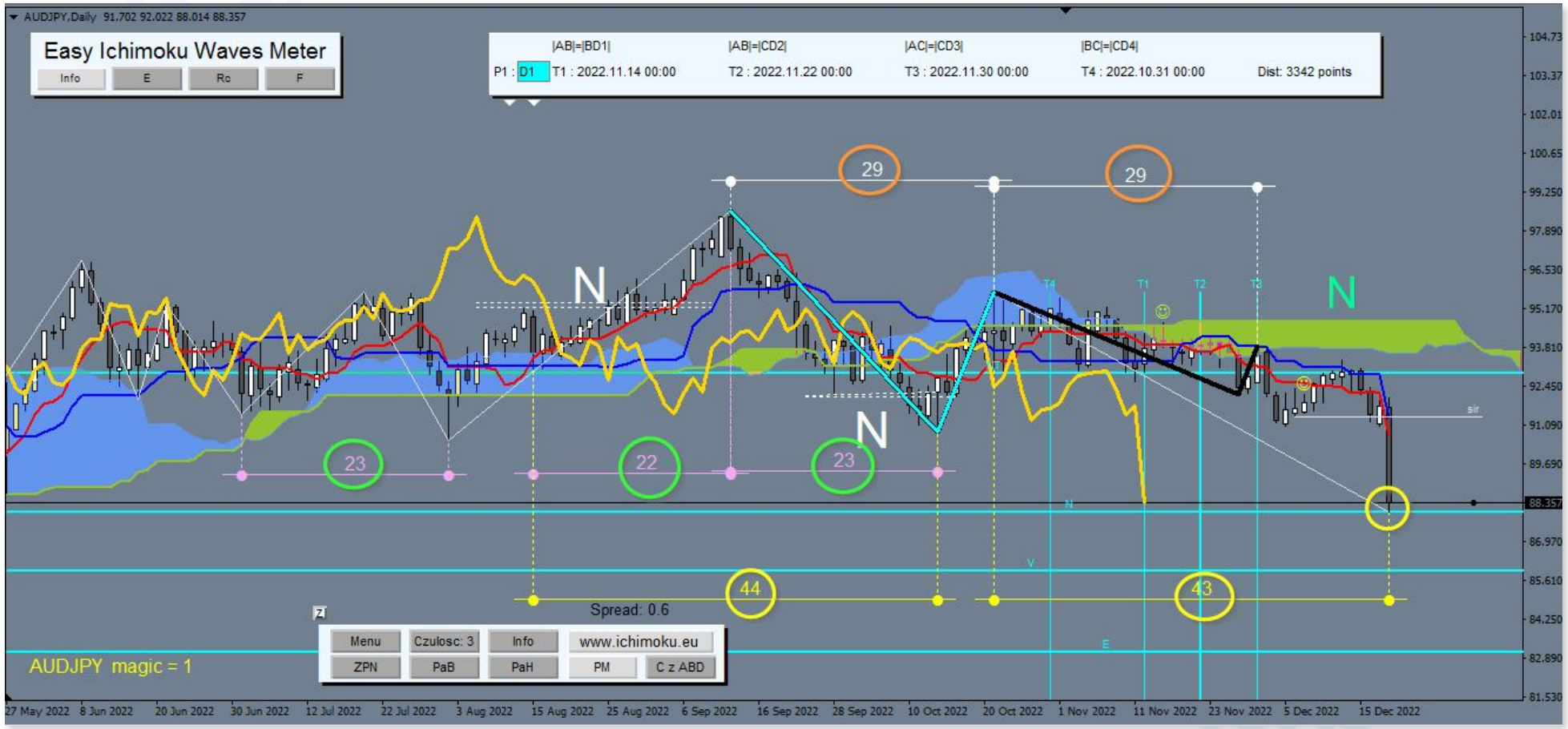
The summary of the analysis on **Telegram** as of 20/12/2022:



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Telegram

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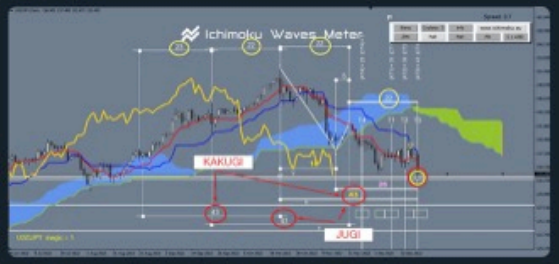

USDJPY

Ichimoku.eu 345 16:17

DAX DE40

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Open Trades:

Ticket	Open Time	Type	Size	Item	Price	S / L	T / P		Price	Commission	Taxes	Swap	Profit
No transactions													
										0.00	0.00	0.00	0.00
										Floating P/L:			**0.00**

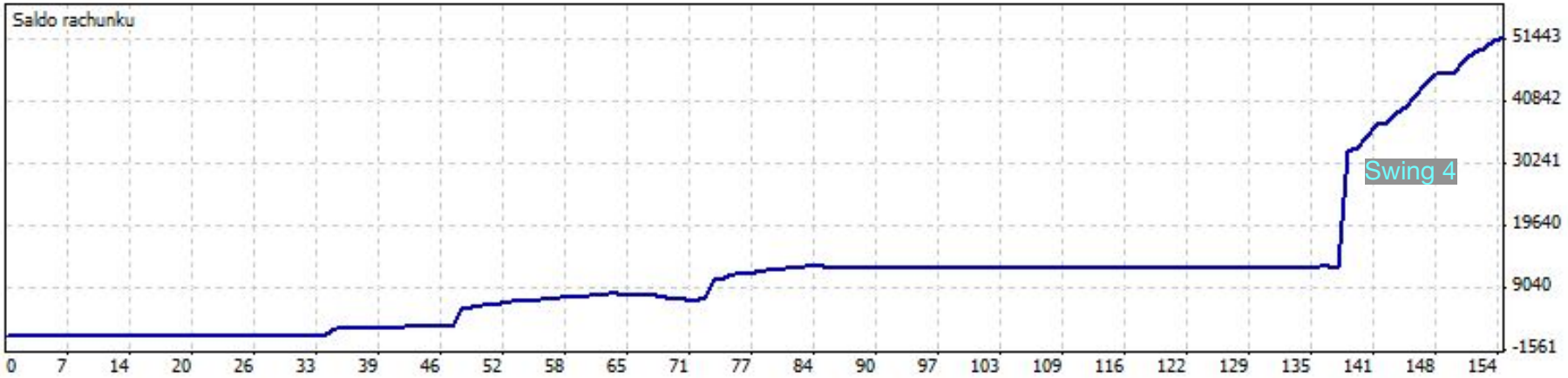
Working Orders:

Ticket	Open Time	Type	Size	Item	Price	S / L	T / P	Market Price	
No transactions									

Summary:

Deposit/Withdrawal:	**1 000.00**	**Credit Facility:**	**0.00**		
Closed Trade P/L:	**50 975.50**	**Floating P/L:**	**0.00**	**Margin:**	**0.00**
Balance:	**51 975.50**	**Equity:**	**51 975.50**	**Free Margin:**	**51 975.50**

Details:



Gross Profit:	**54 894.70**	**Gross Loss:**	**3 919.20**	**Total Net Profit:**	**50 975.50**
Profit Factor:	**14.01**	**Expected Payoff:**	**331.01**		
Absolute Drawdown:	**11.59**	**Maximal Drawdown:**	**1 255.89 (15.52%)**	**Relative Drawdown:**	**15.52% (1 255.89)**
Total Trades:	**154**	**Short Positions (won %):**	**154 (63.64%)**	**Long Positions (won %):**	**0 (0.00%)**

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Statement:

Ichimoku Ltd. (Ichimoku.eu and EA Running Wild.com) does NOT offer financial or investment services in any way, is NOT a trading broker or investment platform.

Expert Advisor's "Running Wild" Operations Assistant is a software product sold by an information technology company, and neither the software nor the manual should in any way be understood as investment or funds management advice.

The software is an operational tool designed exclusively for the MetaTrader 4 trading platform to assist the user in Forex trading.

The user can turn the EA "Running Wild" features on and off at any time, setting each parameter according to their own strategy and maintaining constant control over their trading activities. The user can block the opening of new trades, maintaining constant control over the trading account, taking part in all decisions.

All the parameters for using EA "Running Wild" can be set and adjusted by the user, who can thus implement their trading strategy through the software, using the algorithms present in the software code.

The software does not perform CopyTrading activities and is not an asset management service, but is only a tool that, thanks to certain algorithms, allows the user to develop certain trading strategies.

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The user takes full and complete responsibility for their choices and operational strategies used through the software, and is fully aware of the economic risks associated with any use of Expert Advisor "Running Wild" and in general with operating with real money where the risk of losing most or even all of the invested capital is very high.

By being able to manually enable the software, the user accepts that the "Running Wild" Operations Assistant will automate some processes in decision-making.

The user releases Ichimoku Ltd. and the authors (developers) of the program from any and all liability related to damages or losses incurred using the EA "Running Wild" software.

The strategies presented in the manual are for educational purposes as a possibility of using the software and can in no way be considered financial or investment advice.

The activities of Ichimoku Ltd. and its employees are limited only to technical issues such as the installation and use of the various features of the software and in no way can be considered as financial advisory activities.

The presented results relating to the use of Expert Advisor "Running Wild", historical tests, as well as examples, real account results are not a guarantee of similar results.

CFD trading on the Forex market carries a significant risk of loss.

Up to 89% of retail investor accounts lose money when trading CFD contracts.

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Before you start trading funds on the Forex market, consider your risk tolerance and financial capacity. It is recommended that you thoroughly test the operation of the software on demo accounts for several weeks.

It is the customer's responsibility to thoroughly test their software to ensure that it works according to specifications and that they understand in detail the trading conditions, program features, bugs and adversities that occur.

As Ichimoku Ltd, we make every effort to ensure that the Expert Advisor "Running Wild" Operations Assistant is coded according to specifications, is error-free, however please note that we cannot guarantee profitability or the execution or correctness of the scenarios run.

Disclaimer: The author of this publication and the owner of www.ichimoku.eu, and the owner of www.EARunningWild.com assumes no responsibility for your business decisions.

Ichimoku Ltd. with its registered office in Katowice Aleje Bolesława Krzywoustego 4/1, postal code 40-870, Poland, entered in the National Court Register by the District Court of Katowice-Wschód in Katowice, VIII Economic Department of the National Court Register under the number KRS 0000771061, with a share capital of PLN 5,000.00, NIP 6342950794, REGON 382539071.

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II.EA Running Wild — **The course of action after the purchase of EA**.

Suggested course of action after purchasing EA Running Wild:

- Familiarize yourself thoroughly with this publication; pay special attention to the FAQ section.
- Open a DEMO MT4 account and install EA Running Wild.
- Conduct a series of EA Running Wild tests using the built-in Strategy Tester available on your MT4 platform.
- Conduct multi-week tests of EA Running Wild in various market conditions using a DEMO account on your MT4 platform.
- Once you know how your EA Running Wild Assistant works, what each function or button is used for, only then proceed with caution on your real account. Deposit only the single token value you allocate for Stop Loss in it. Remember that EA Running Wild works on the entire deposit of a given trading account.
- Trade successfully!

It took us several years to develop and test EA Running Wild, so give yourself time to test the strategy as well as understand the various issues and mechanisms before operating in the real market!

We wish you much success!

Zespół Ichimoku.eu

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III. EA Running Wild — **The system requirements.**

1. You need to have the following installed:
    1. Fonts: **„Webdings”**.
    2. The PC version of the **MetaTrader 4** program.

2. Preferred operating system: **Windows**.

Running Wild Operations Assistant is an executive program dedicated to the MetaTrader 4 trading platform developed by MetaQuotes Ltd. The default environment for MetaTrader 4 is the Windows operating system. There are versions of MetaTrader 4 available on the market that allow you to work under other operating systems, but they are a kind of "overlay", which is why we do not recommend using Running Wild executive program in the real market in conjunction with an operating system other than Windows.

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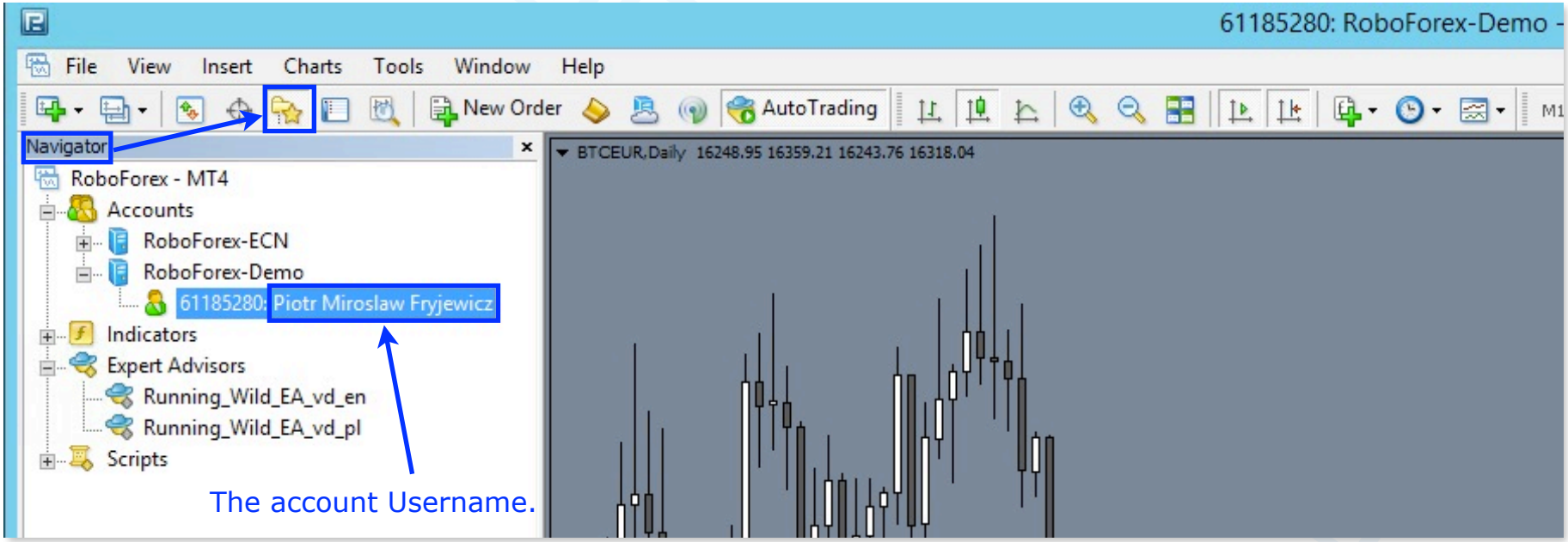
IV.EA Running Wild — Installing Expert Advisor on the MT4 platform.

Installation process for Windows systems.

You'll need to upload the: „Running_Wild_EA_vd_en.ex4" hat you'll have received from the seler to the: MQL4/Experts/folder (applies to the desktop version).

First of all, you need to 1 open (launch) the MT4 platform; 2 verify that it has been logged into the correct trading account? To verify, you need to expand the Navigator tree and verify that the account Username matches the Username of the account, for which we have purchased a license for Running Wild EA?



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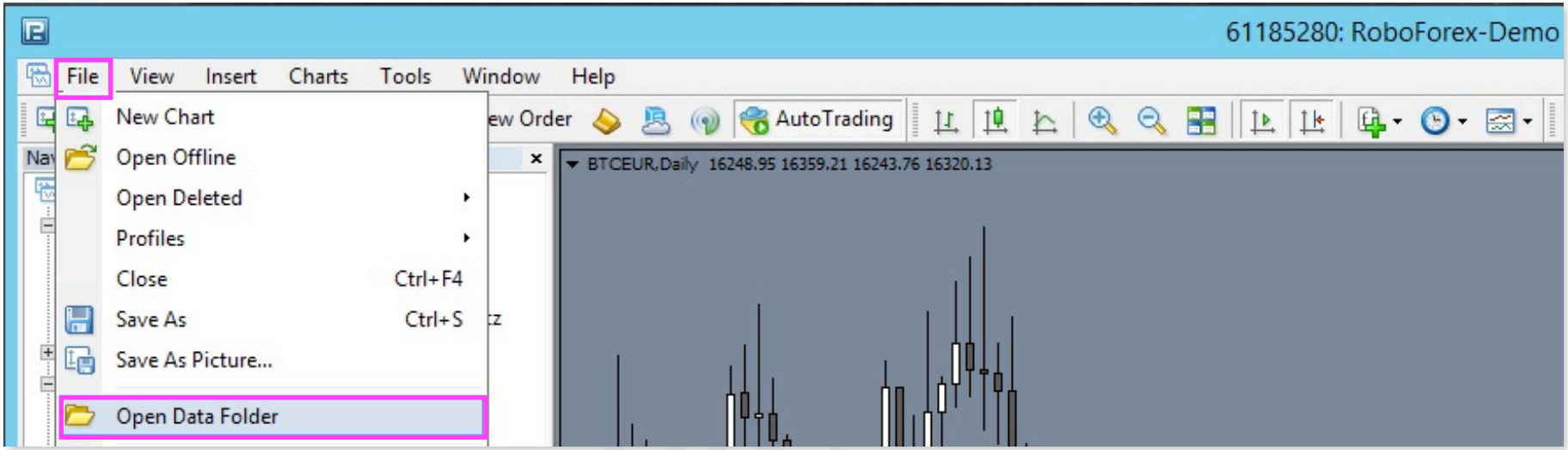
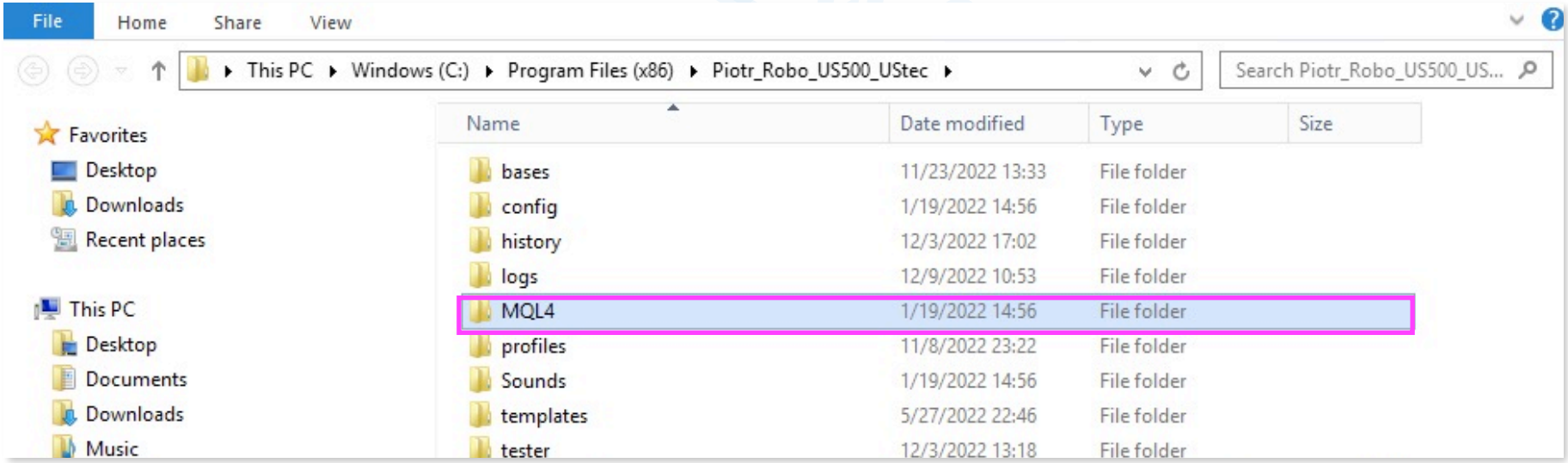
Next 3 in the top menu bar, select the File znajdującą się z lewej strony. Then in the menu that will unfold, 4 select Open Data Folder.



In the next step 5 open the MQL4 folder;



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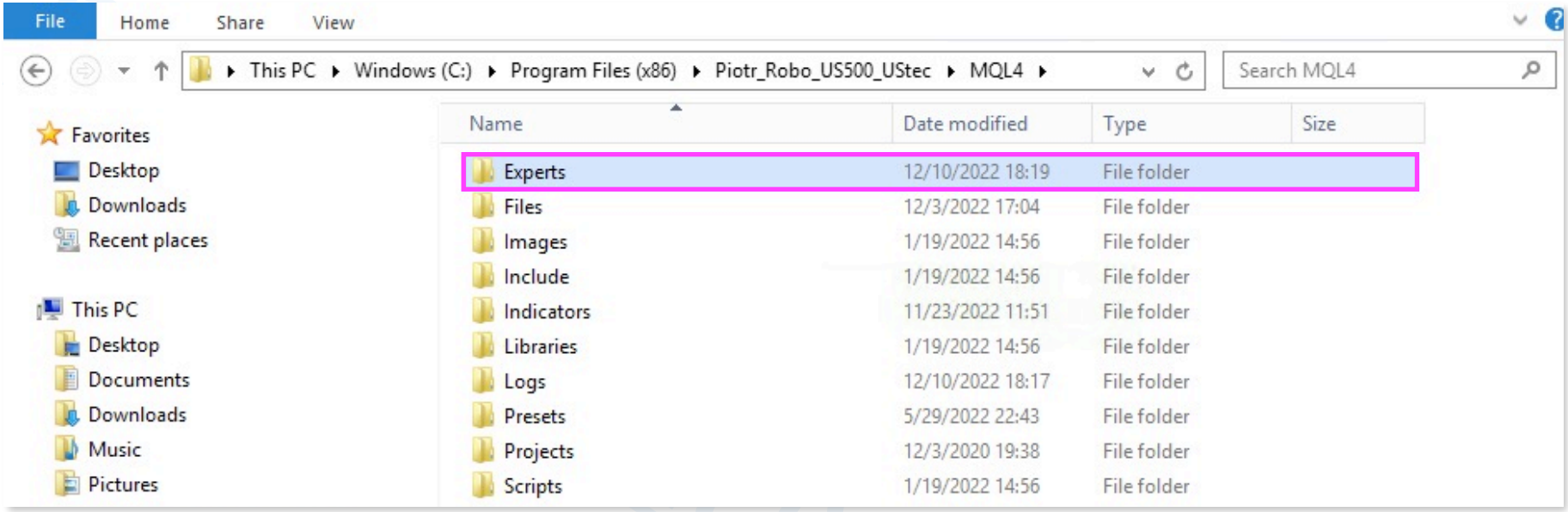
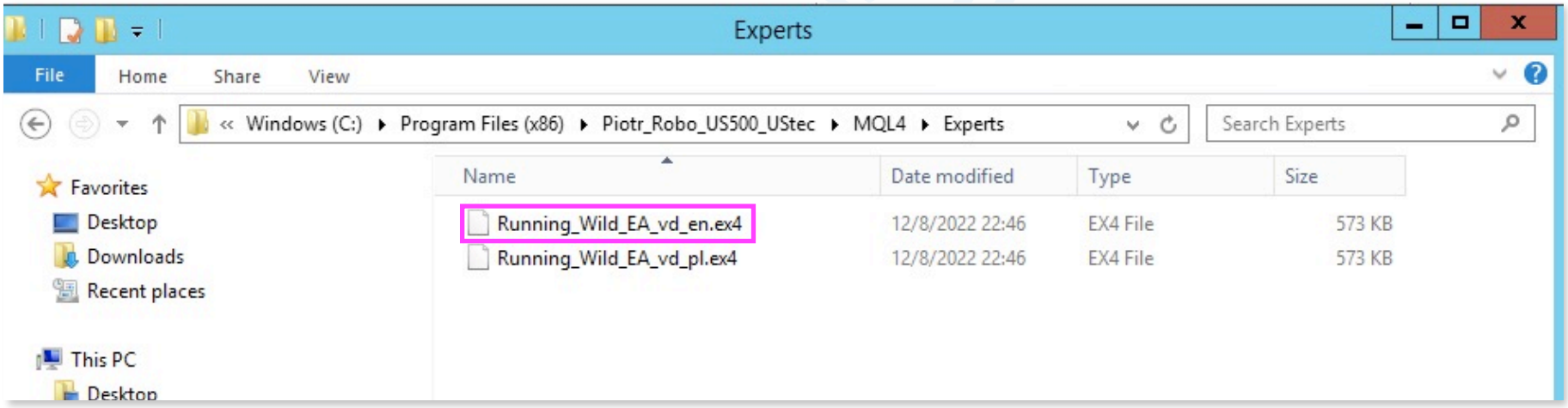
6 Open the Experts folder;



7 put (copy) the file received from the vendor named: „Running_Wild_EA_vd_en.ex4" into the „Experts" folder (concerns the desktop version).



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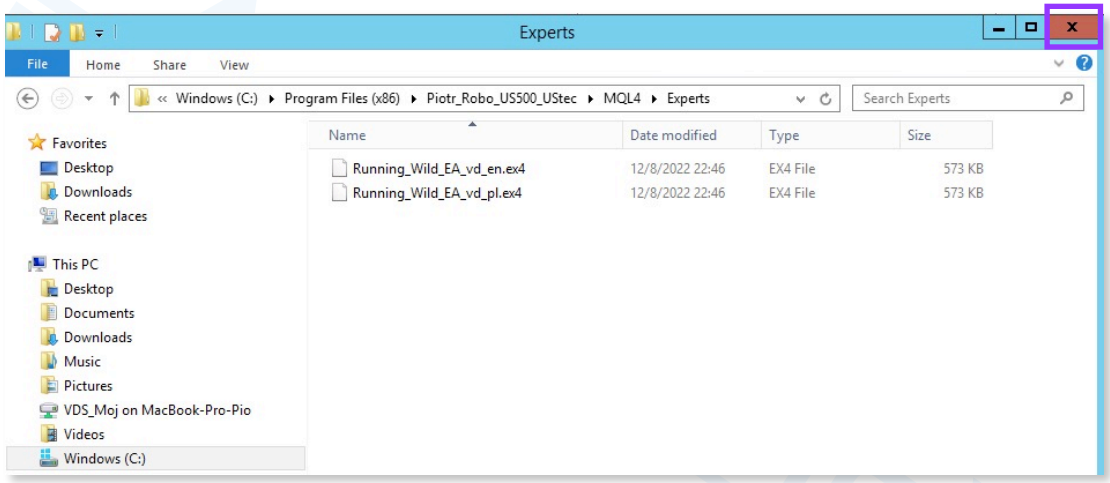
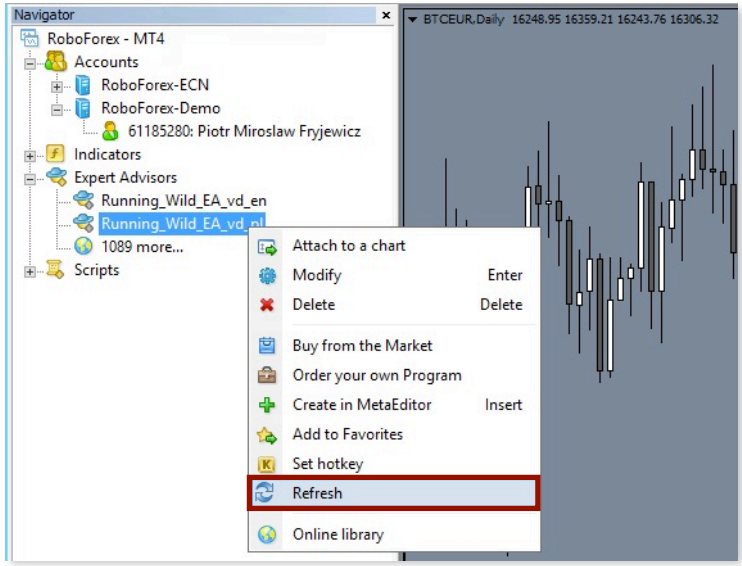
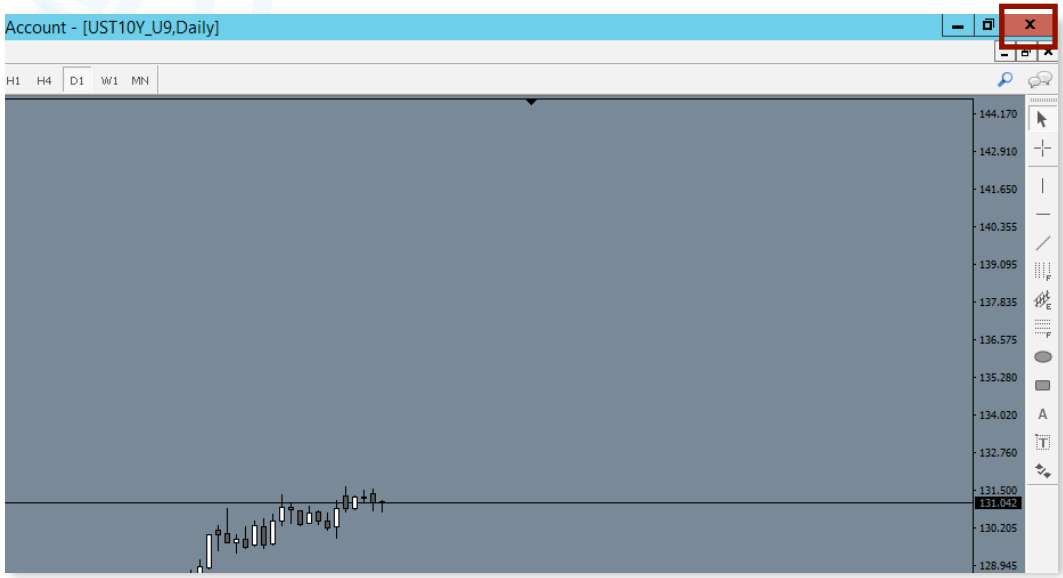
8 close the active window and 9 restart the MT4 platform — close the program and relaunch it or hover the cursor over the navigator tree (Expert Advisors positions), right click and from the pop-up menu select Refresh.







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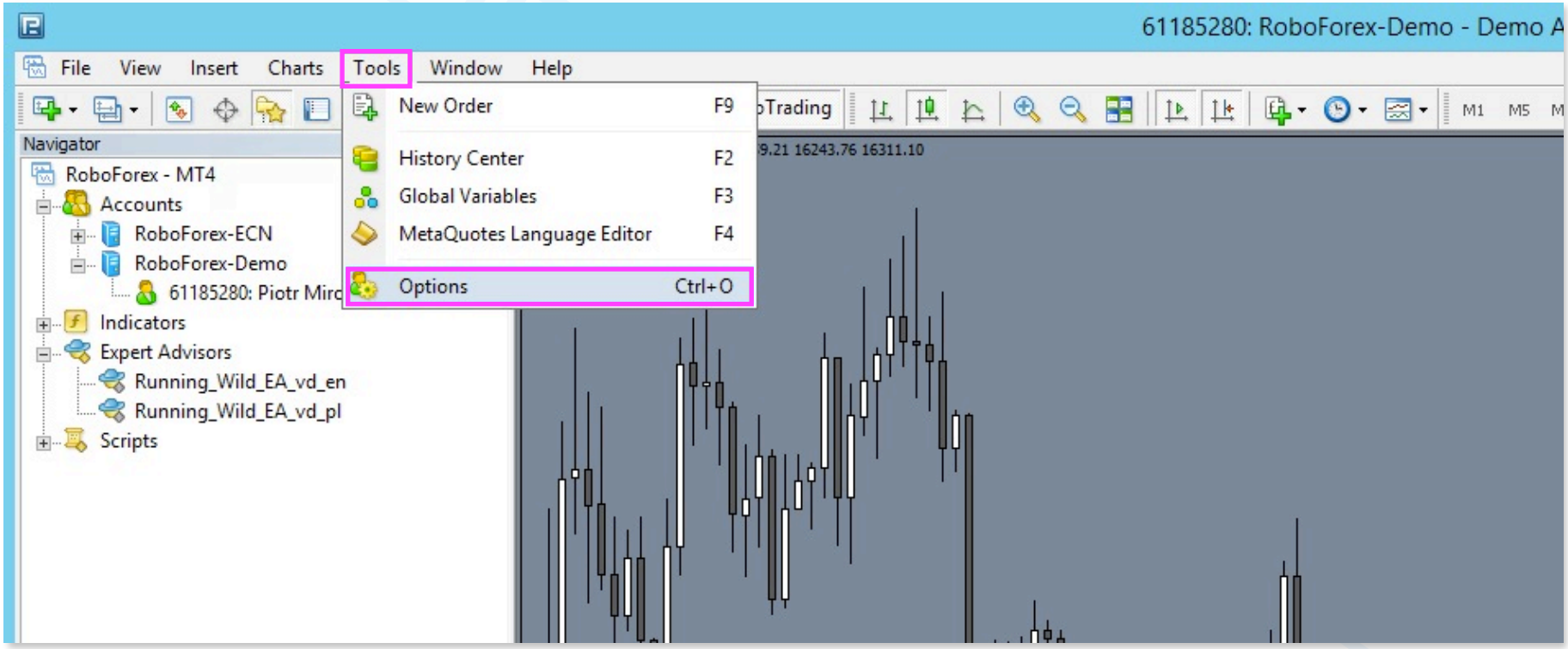
V. EA Running Wild — Essential information.

1. Setup and preparation of the MT4 platform for algorithmic trading.

First, after installing the EA on the MT4 platform (as described in Section IV of this user manual), verify that the platform configuration allows algorithmic trading. To do this, 1 select the Tools tab in the top menu bar, then in the menu that will expand, 2 select Options or use the keyboard shortcut Ctrl+O.



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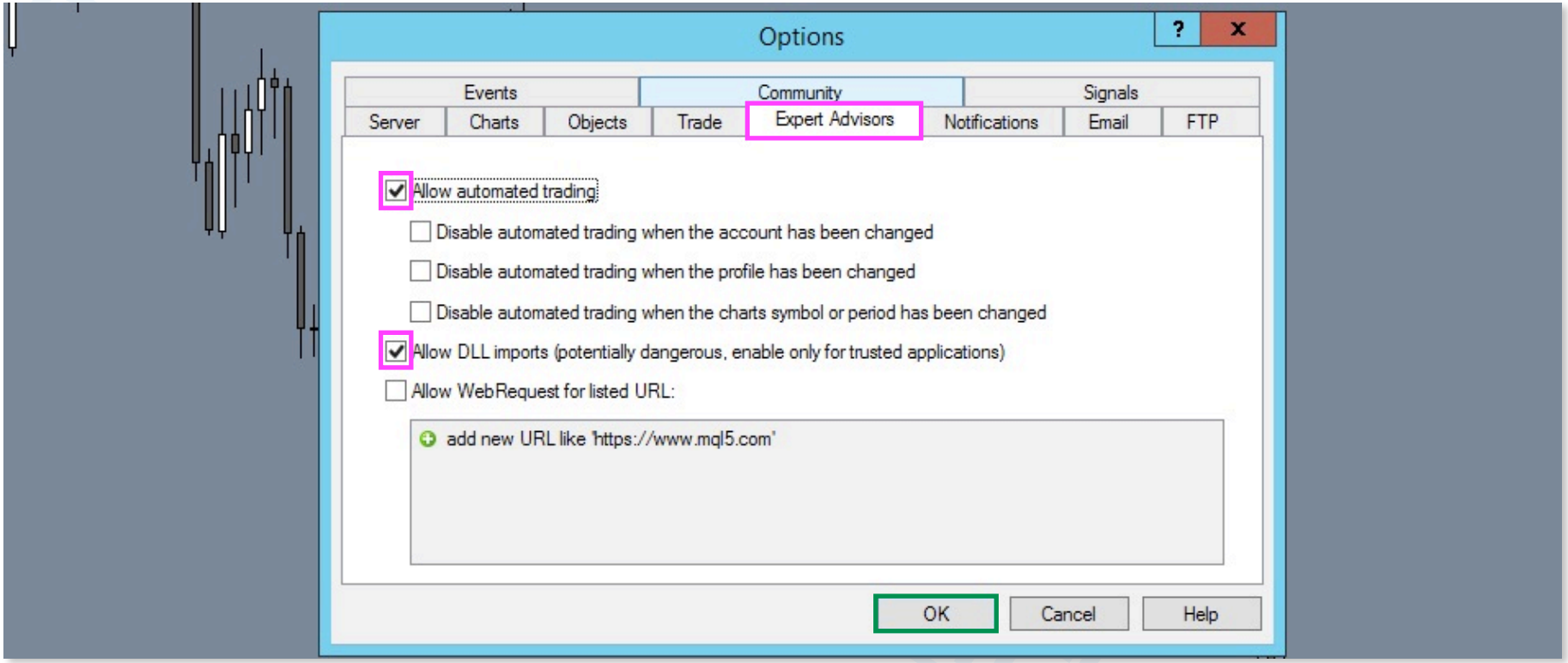
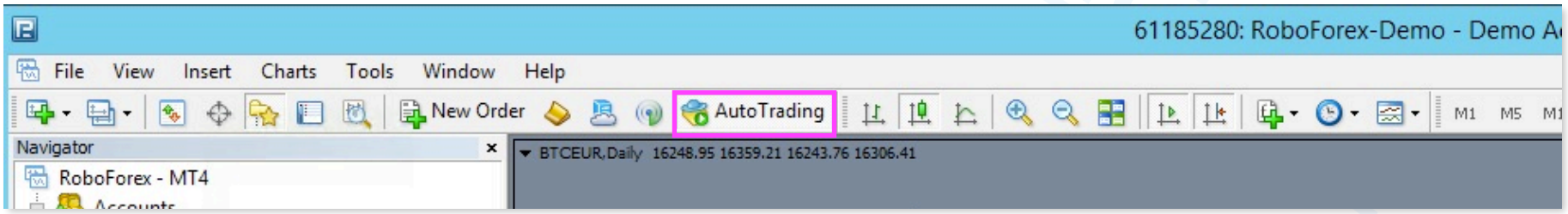
In the Options 3 select the "Strategies" (Expert Advisors) tab and check the "ticks" **in the boxes only:** 4 Allow automated trading ✅ and 5 Allow DLL imports ✅; 6 Successively confirm with **OK buton.**



From this point on, the AutoTrading icon should glow green, as "available".



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Push notifications on the EA concluded operations — available optionally on a mobile device.

If you want to receive on your mobile device information about transactions concluded by EA Running Wild in the form of Push notifications, you need to::

- Create your MQL5 account on the https://www.mql5.com/en/auth_register website.
- From your Android or iOS mobile device, download the MetaTrader 4 app; log into your account and read your MetaQuotes ID. The ID is available in the mobile platform under Settings>Messages or press the messages icon and then the MQID button.

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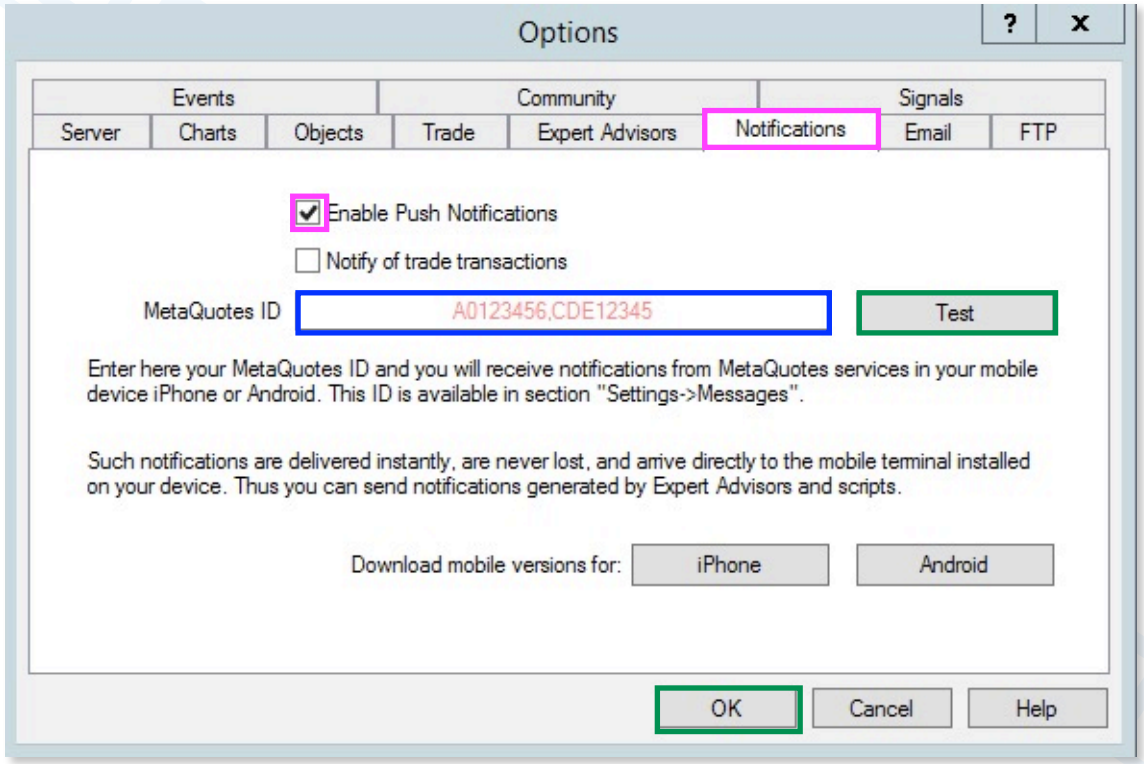
- In the next step, from your computer, log into your MT4 platform where the EA will physically work; 1 in the top menu bar select the Tools"), tab, then in the menu that will unfold, 2 select Options or use the keyboard shortcut Ctrl+O. 3 Select the Notifications tab and mark the "tick" **in the box only**: 4 Enable Push Notifications ✅; then in the MetaQuotes ID field 5 enter your MetaQuotes ID read from your mobile device; 6 in turn run a **Test**; if everything works correctly confirm with **OK** button.
- Remember to set parameter No. 78 "Send push notifications to a mobile device:" to "true" in the initial settings of EA parameters (described below in item no. 4).



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2. What should one keep in mind before launching Expert Advisor'a Running Wild?

- First of all, verify that no EA is or was applied on the platform, (especially if you have several instrument windows open); clean up remnants of previously run EAs, etc., in particular:
  - Close unnecessary instrument sheets.
  - Remove EA from the remaining sheets and profiles; clean the sheets by applying a clean template (without indicators, etc.).
  - Clear unnecessary Global Variables — 1 open "Tools", from the drop-down menu 2 select "Global Variables" or use the keyboard shortcut "F3", 3 select and delete unnecessary records. Global Variables having a prefix of "**RW**_" pertain to Expert Advisor's Running Wild. Global variables having prefix "**WI**XXXYYY" (XXXYY — instrument symbol) concern Ichimoku Waves Meter.
  - Restart the MT4 platform.
- Then it would be necessary to open a new window with the instrument you intend to trade — on which you will apply the robot. Each time after selecting an instrument, it is suggested to apply a clean template (without written in it. indicators, etc). The optimal background color of the screen is: "SlateGray". This color coordinates with the default color scheme of the Running Wild tool.
- Set the Time Frame on which the EA is to operate, e.g. daily (D1).
- Only one Expert Advisor Running Wild can work on the MT4 platform at a time.
- EA Running Wild operates the instrument according to the window it was applied to.

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Warning!

- The Running Wild robot manages **the entire account deposit**; deposit only the amount of funds you can lose in a single operation, which you allocate to the value of a single Stop Loss.
- **Something can always go wrong, there may be a power outage, the computer may not work, the platform may crash, the Internet connection may be broken and many other unforeseen situations. Remember that the final stop loss level is the "zeroing" of the account and closing the account by the broker. Use only brokers that guarantee you protection against negative deposit balance!**

EXPERT runningwild.com

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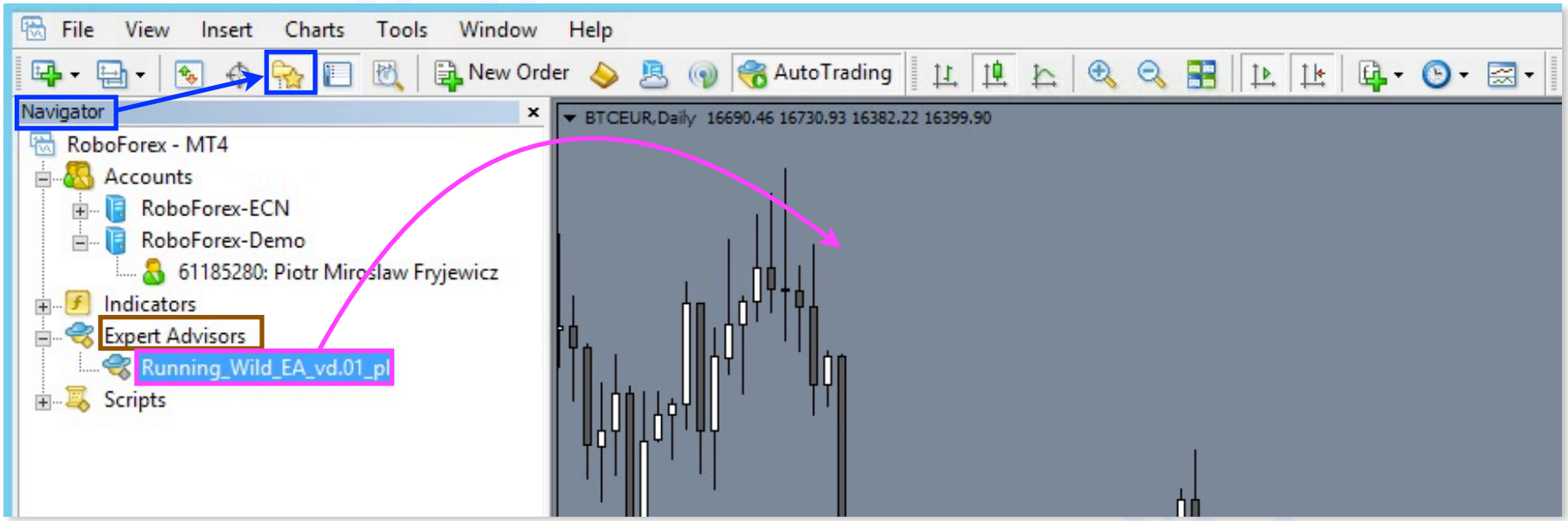
3. Launching the Running Wild Operations Assistant.

Applying EA Running Wild onto the chart window.

To apply a previously saved robot to the chart, from the open MT4 platform 1 expand the Navigator tree, 2 then select from the list the item Expert Advisors, 3 then double-click with the left mouse button on the Running_Wild_vd.en file or 3 select it and drag it to the quotation window.



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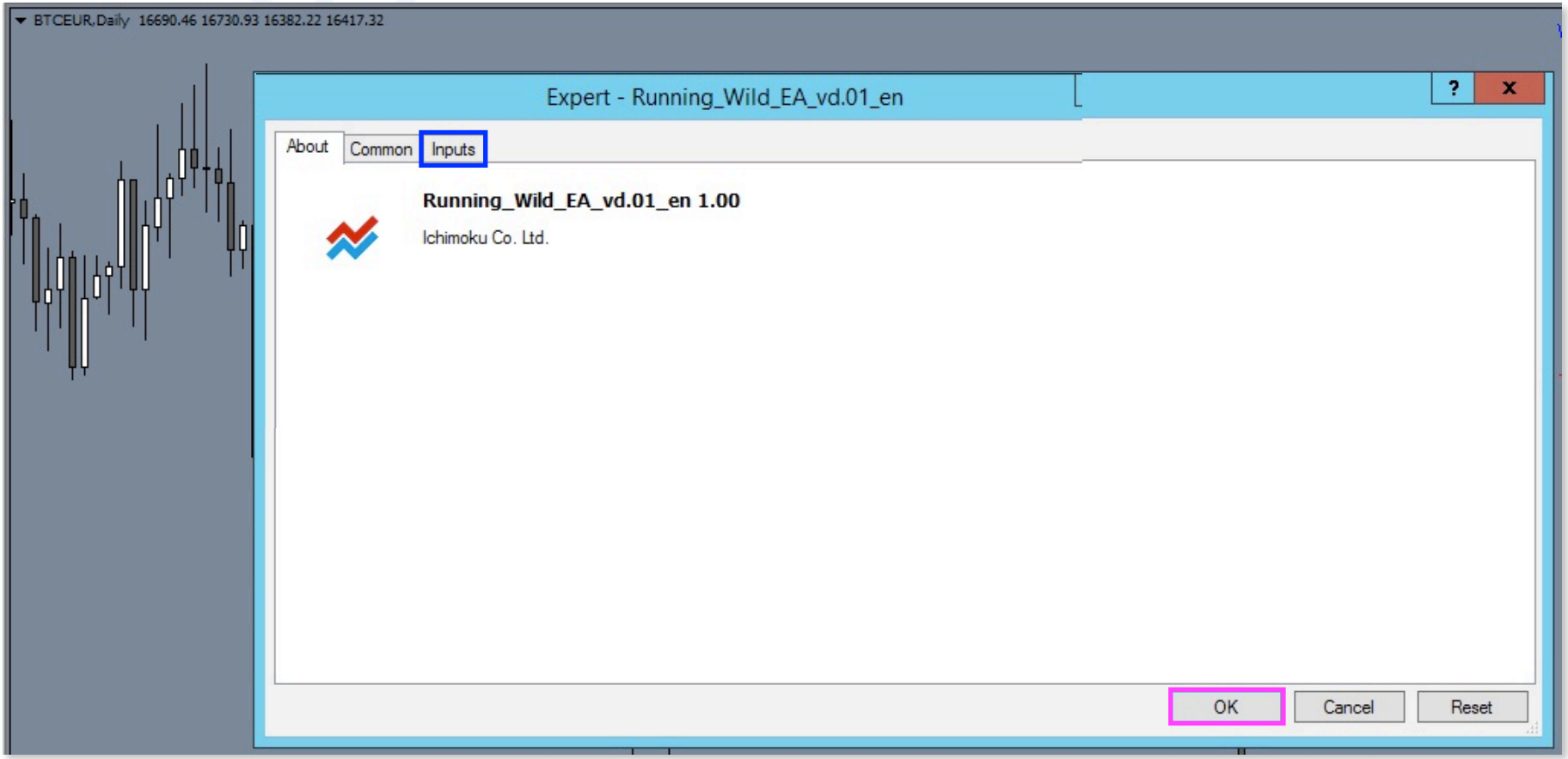
After selecting EA, a window with program information will be displayed on the screen. Here you can immediately approve the robot application (with default setting values) by pressing the OK button. — the program will be applied to the chart. It is also possible, before approval, to expand the settings menu by clicking with the left mouse button on the Inputs button. Use this option when you want to make changes to EA's predefined settings — personalize the settings and parameters to be watched by your **Operations Assistant**.



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The Running Wild program plotted on a chart / visualization.

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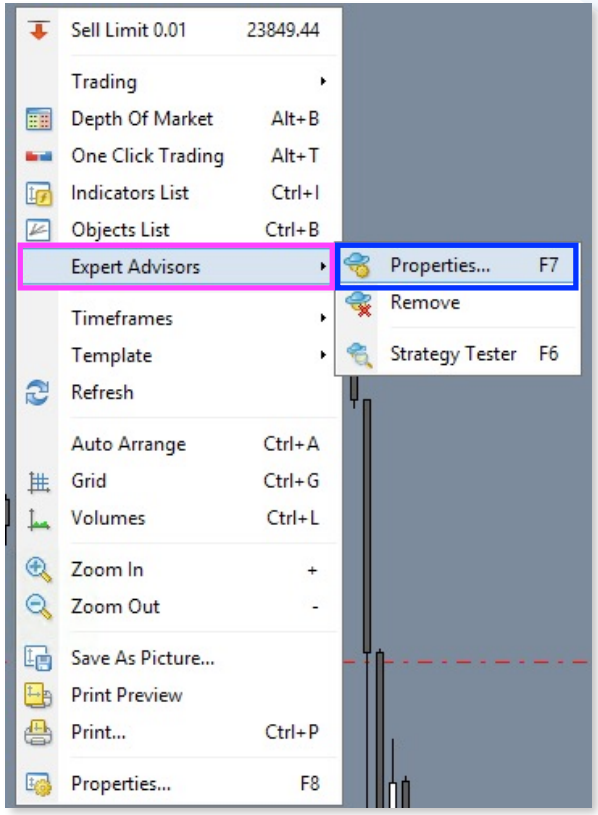
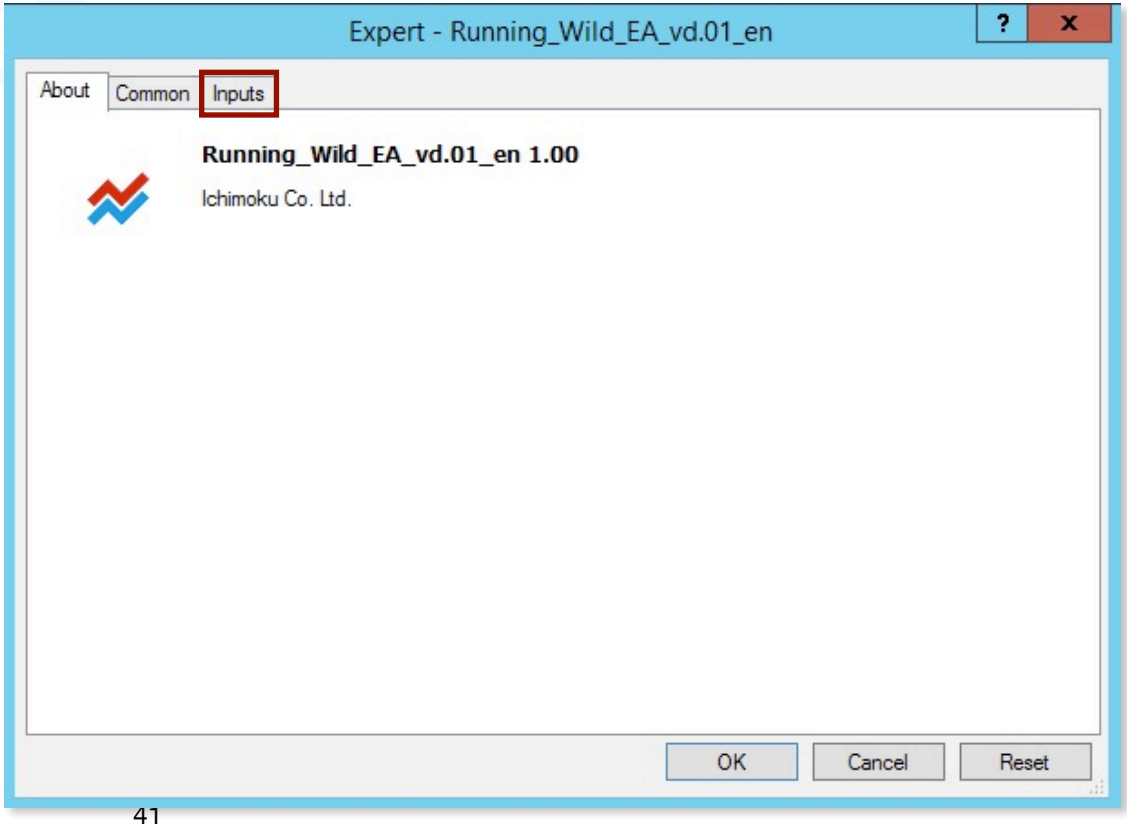
4. EA Running Wild pre-sets.

To access the robot's settings menu, you need to do it 1 from the chart window, on which the EA was previously applied, 2 click with the right mouse button on the chart; 3 from the pop-up menu, select Ekspert Advisors by hovering the mouse and clicking the left button; 4 successively from the expanded sub menu, select Properties by hovering the mouse and clicking the left key or use the keyboard shortcut "F7". The EA window will appear on the screen; it's tabs: About, Common, Inputs. You should 5 select the Inputs tab by hovering the mouse and clicking the left key - the robot settings menu will appear on the screen. Below the EA settings menu.





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Variable	Value
>	>
====== Running Wild Operations Assistant ======	========== Running Wild Operations Assistant ==========
>	>
= STRATEGY TESTER parameters used in the test:	=STRATEGY TESTER SETTINGS:
>	>
01_Exact opening time of the operation:	2022.12.01 01:05
02_Direction of Buy or Sell operation:	Buy
03_SL level; when zero = no SL:	0.0
04_TP level; when zero = no TP:	0.0
>	>
= EA Running Wild OPERATIONAL PARAMETERS:	= EA Running Wild OPERATIONAL PARAMETERS:
>	>
===== Basic operational parameters:	===== Basic operational parameters:
>	>
======= Entry parameters:	======= Entry parameters:
05_No. of candles for statistical calc. / for TESTER = 1000:	447
06_Min no. of captures for op. with / without capturing set. 1:	4
07_Min margin; deviation (-) from op. margin:	[illegible]
08_Operational margin:	[illegible]
09_Max margin; deviation (+) from op. margin:	[illegible]
10_Corrected TP level; CTP how many pips before set TP:	5.0
11_SL set manually honored at closing prices:	false
>	>
======= Emergency and Stepping SL, SP on capit.:	======= Emergency and Stepping Stop-Loss, Stop-Profit on capit.:
12_Use aut.stepping and emergency SL and SP on capit.:	true
13_Emergency SL - when % withdrawal from starting capital is:	95.0
14_Stepping SL - piloting in making a profit A>= %:	130.0
15_Stepping SL - realization at x % reversal from profit A:	90.0
16_Stepping SP - piloting in making a profit B >= %:	501.0
17_ Stepping SP - realization at x % reversal from profit B:	1.0
>	>
======= calc. Stepping BE as weighed for all positions:	======= Stepping and weighed Break-Even:
18_Use weighed BE (for a pyramid without capturing positions):	false
19_Activation of coeficient of weighed BE from Entry level:	0.7
>	>

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Variable	Value
======= Closes pos. when price reaches max. stat. deviation:	======= Dynamic Stop-Profit according with Ichimoku:
20_Pilot max. stat. price deviation from Tenkan. and Kijunsen:	Auto
21_Number of appearances in history:	4
22_Number of neighboring appearances:	17
23_Tenkan-sen:	9
24_Kijun-sen:	26
25_Senkou Span B:	52
>	>
===== Additional operational parameters:	===== Additional operational parameters:
>	>
======= Automatic Position Hedging at a selected time:	======= Automatic Position Hedging:
26_Hedge positions:	false
27_Only during weekend:	true
28_Hedge Start Hour:	23
29_Hedge Start Minute:	30
30_Maximum balance percentage:	50.0
31_Hedge End Hour:	0
32_Hedge End Minute:	30
>	>
== GRAPHICAL INTERFACE PARAMETERS AND FUNCTIONS:	== PARAMETERS AND FUNCTIONS OF THE GRAPHICAL USER INTERFACE:
>	>
===== Settings of available line colors:	===== Settings of available line colors:
>	>
======= Basic graphical lines:	======= Basic graphical lines:
33_The color of the active line representing the ENTRY level:	Aqua
34_The color of the active line representing the SL level:	Magenta
35_The color of the active line representing the TP level:	Yellow
36_The color of the line representing the ENTRY level:	LightCyan
37_The color of the line representing CTP - corrected TP level:	Orange
38_The color of the line representing the weighed SL level:	Yellow
>	>
======= Levels of adding/removing positions:	======= Auxiliary graphical lines (1):
39_Color of line representing level of adding position (+):	GreenYellow
40_Color of line representing level of removing position (-):	243,171,243
>	>

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Variable	Value
>	>
======= Range of price fluctuation vs. % capital loss:	======= Auxiliary graphical lines (2):
41_Draw a range of 1,2,3 price fluctuation vs % capital loss:	true
42_Range 1 with a slide on the capital of about %:	30.0
43_Color of line representing Range 1:	PaleGreen
44_Range 2 with a slide on the capital of about %:	50.0
45_Color of line representing Range 2:	DeepSkyBlue
46_Range 3 with a slide on the capital of about %:	70.0
47_Color of line representing Range 3:	Orange
48_Color of line :(repres. theor. pos. range of manag. $ by EA	Red
>	>
======= Max. stat. price dev. from Tenkan-sen and Kijun-sen:	======= Auxiliary graphical lines (3):
49_Color of line repres. max. stat. price dev. from Tenkan-sen:	Red
50_Color of line repres. max. stat. price dev. from Kijun-sen:	Blue
>	>
===== Menu & Info Panel Settings:	===== Menu & Info Panel Settings:
>	>
======= X,Y anchor; info window size:	======= X,Y anchor; info window size:
51_Moving the anchor point on the X axis for the Menu Panel:	100
52_Moving the anchor point on the Y axis for the Menu Panel:	40
53_Move the anchor point on the X axis for the INFO window:	600
54_Move the anchor point on the Y axis for the INFO window:	470
55_Info window height:	200
56_Info window width:	400
>	>
======= Buttons:	======= Buttons:
57_Menu buttons width:	60
58_Menu buttons height:	20
59_Active buttons color:	Gainsboro
60_Inactive buttons color:	DarkGray
61_Menu buttons font color:	Black
62_Menu buttons font size:	10
63_Menu buttons font name:	Arial
64_Protect. against accidental pressing Close button / C+Close:	false
>	>

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>	>
======= Background:	======= Background:
65_Color of menu / EA bars at Rest:	BlueViolet
66_Color of menu / EA bars at Work:	GreenYellow
67_Menu panel background color:	AliceBlue
68_Info panel background color:	Black
>	>
======= Fonts:	======= Fonts:
69_Color of descriptions in the Menu window:	Black
70_Font size of descriptions in the Menu window:	9
71_Font of descriptions in the Menu window:	Arial
72_Color of descriptions in the Info window:	White
73_Font size of descriptions in the Info window:	13
74_Font of descriptions in the Info window:	Arial
>	>
== OPERATIONS ARCHIVING:	== OPERATIONS ARCHIVING:
>	>
===== Settings for screenshots and notifications:	===== Settings for screenshots and sending Push notifications:
75_Take screenshots (PrtSc):	true
76_Dimension of screenshot in pixels; height:	900
77_Dimension of screenshot in pixels; width:	1600
78_Send Push notifications to a mobile device:	false
79_Notifications prefix:	EA Running Wild:
>	>
=== IDENTIFICATION PARAMETERS:	=== IDENTIFICATION PARAMETERS:
>	>
80_EA ID number /function not supported/ 1 EA per 1 account!	12345
81_Convert points to PIPS	true
>	>
======= Running Wild Operations Assistant =======	========== Running Wild Operations Assistant ==========...

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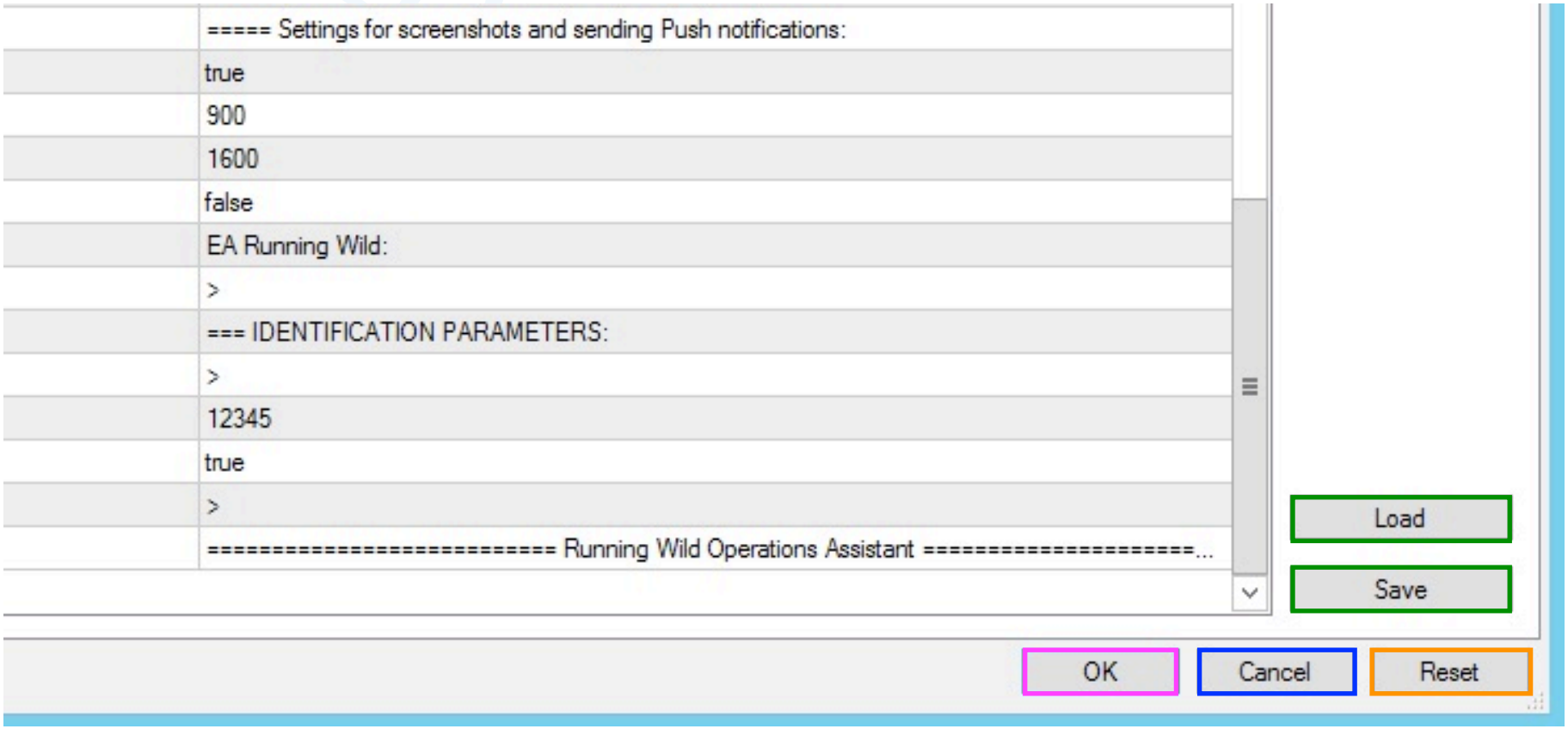
In the right column Value, individual customization of individual Variables can be made as needed. Individual configurations adjusted for selected instruments can be saved using the Save button. The next time you apply an EA, you will be able to use them by pressing the Load button.

Approval of changes is made by pressing the OK button; resignation — by pressing the Cancel button; return to default settings — Reset.



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5. **Working** with the EA Running Wild Operations Assistant.

It can't get any simpler!

1. Apply the robot to the chart window; verify the initial settings.

Drag the robot onto the chart, a window with program information is displayed. Press the "Enter parameters" ("Inputs") button; verify the settings in the "Values" ("Value") column, or load a previously saved configuration tailored to the instrument you will be operating; confirm with the "OK" button (described in detail above in point numbers 3 and 4).

2. Open EA's working "Menu" and set input parameters.

For example, set the direction of the Sell operation; order type Pending (2); in turn, select Graphic (2) way to enter price values and drag the active lines (Opening Level (Order), Security Level (SL), Profit Level (TP)), grabbing their center, to the corresponding levels of interest. Verify the correctness of the input settings, for this purpose press the "Description" button and make a visual assessment. If the settings are correct all that remains is to start the robot.

3. Press the „Play" button (▸)

From the moment you press Play, your EA Running Wild Operations Assistant works for you, and you can use the time for much more enjoyable things.

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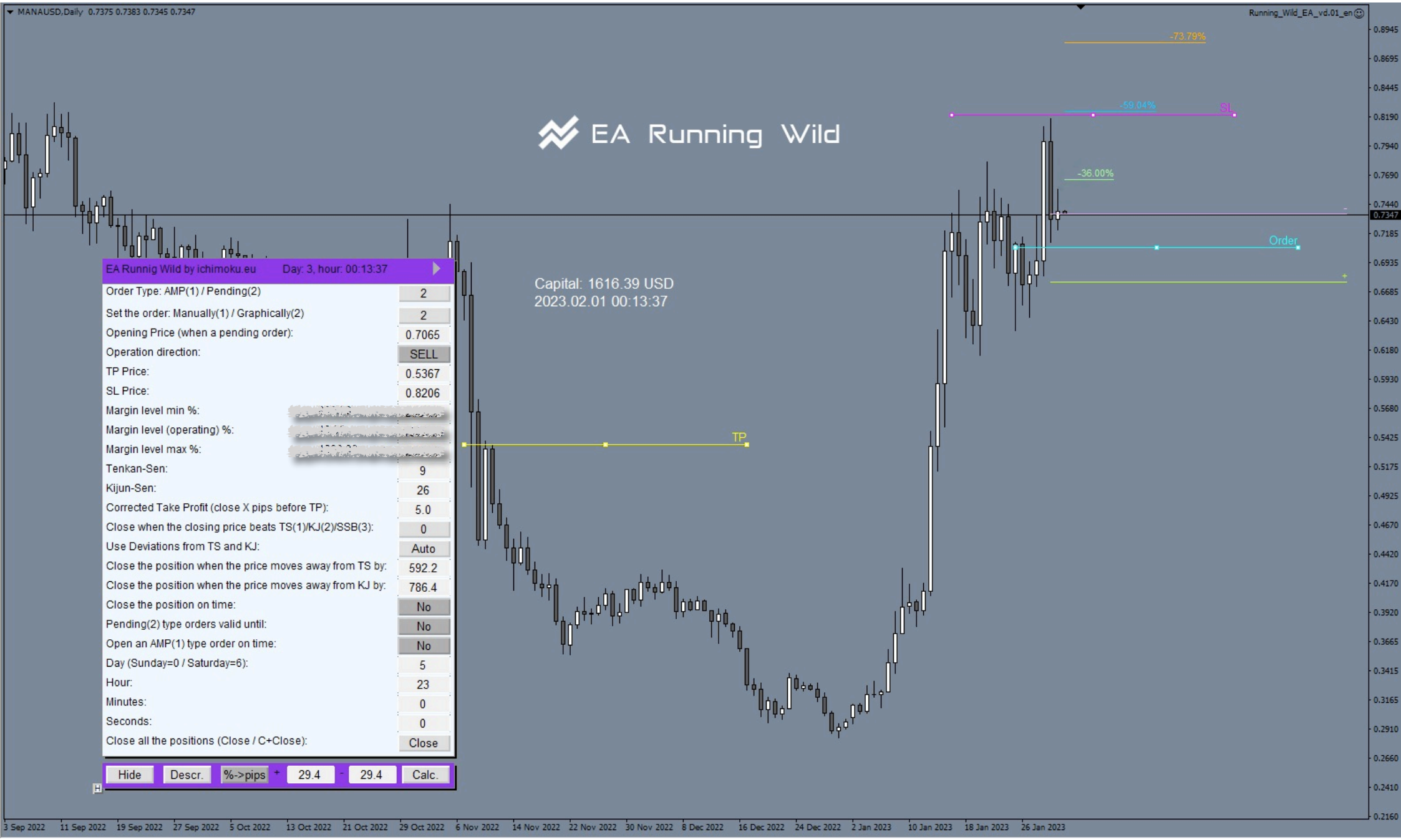

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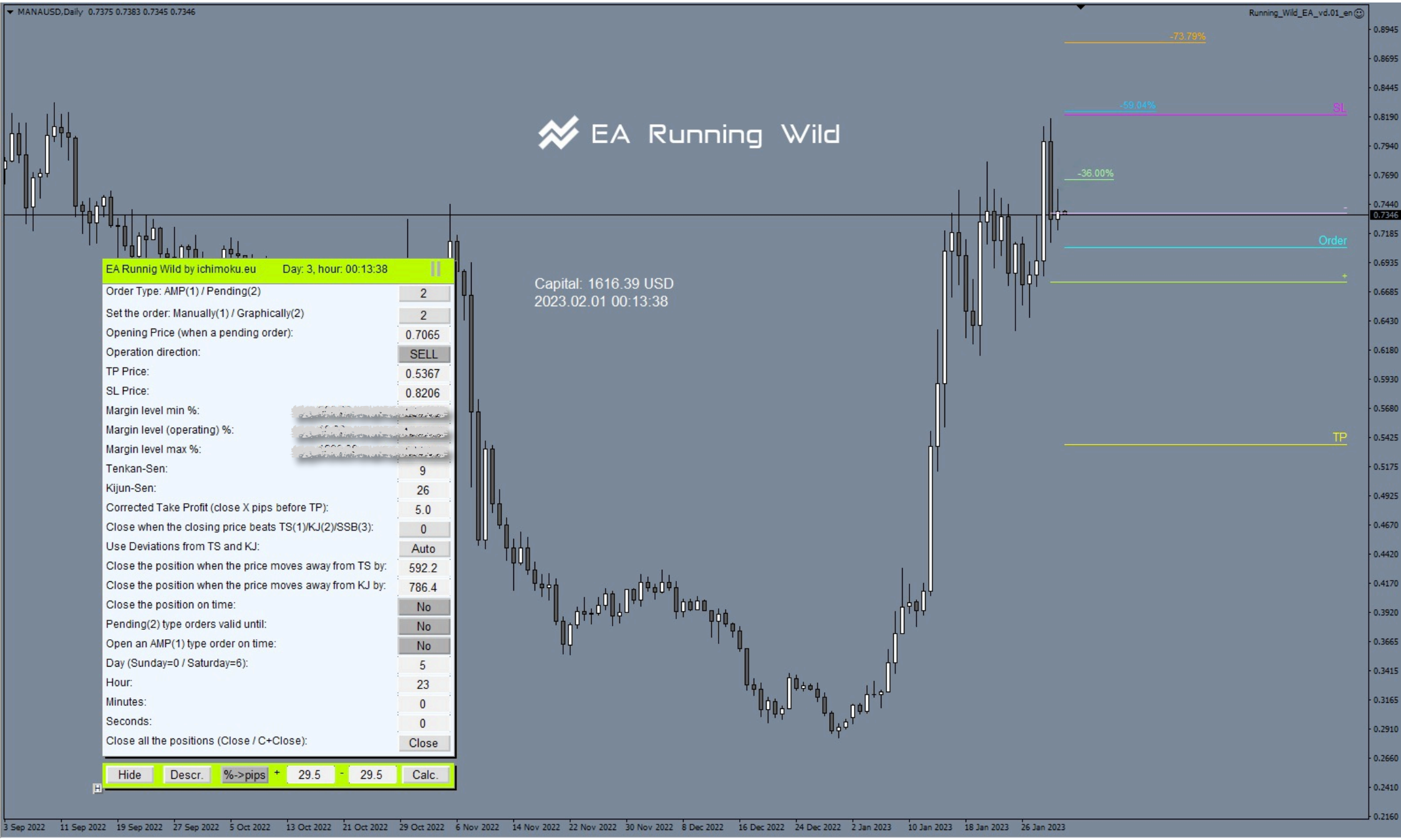

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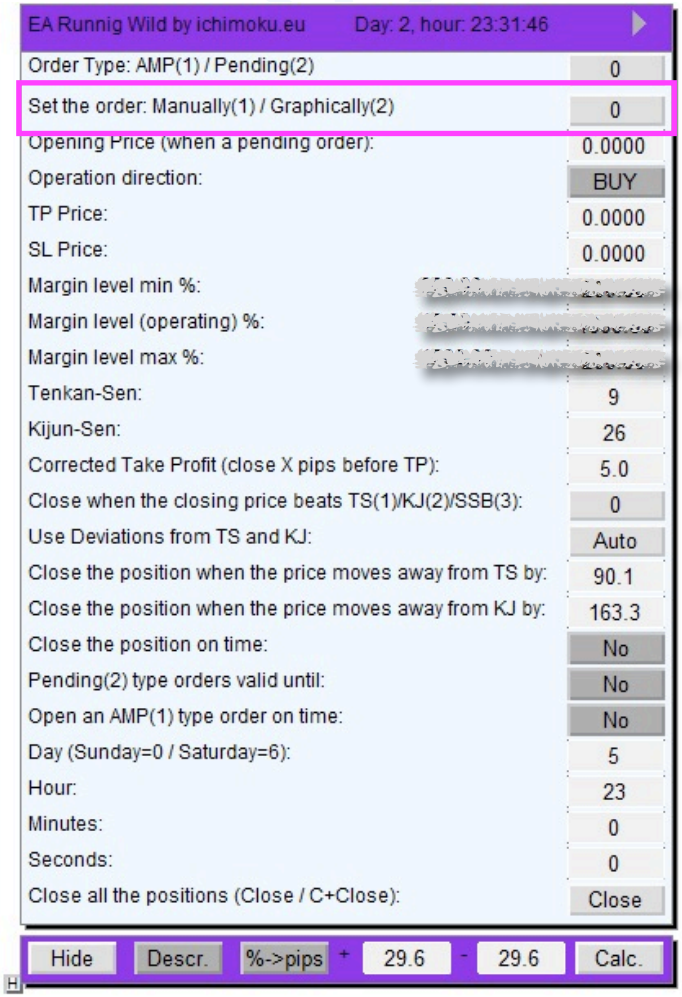
A pending order did not come through.

Pending order failed; that's okay, clear the chart of unnecessary lines, etc. — prepare the chart for a new scenario. You can remove the leftovers by pressing the button on the EA work panel several times: „Set order: Manually (1) / Graphically (2)", the buton indicates zero. Changing the value to zero will erase unnecessary lines from the chart window.



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The template vs. enrolling Expert Advisor in its lineup.

When working on charts, saving the frequently used Expert Advisor or indicator(s) to a template, which we apply to the chart, would seem to make it easier — theoretically it reduces the preparation time for work. Unfortunately, this is a common practice among traders, but it is an incorrect methodology, it can cause Expert Advisor and indicators to malfunction, including incorrect calculations and the possibility of crashes including suspension of the MT4 platform. Hence, we recommend that every time you open a new window with a chart, you should first apply a clean template and only then apply Expert Advisor or indicator(s). This rule applies not only to EA Running Wild or Ichimoku waves meter, but should be considered as general.

When does the EA Running Wild program make the recalculations?

EA Running Wild, basically makes recalculations every bar, every tick and every specified time [ms].

Example 1):

The EA is to open an AMP position (at the market price) at the indicated time (e.g., before the entry of the news); the EA will send a request to the broker's server to open an AMP position on the first tick after the condition occurs — here on the first tick after the indicated time. This means that if the market does not vibrate, for example, for 50 [sec] from the indicated time, the execution of the request will be delayed by the market's sleep time; the above must be taken into account when setting the order.

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Example 2):

The EA is supposed to close the open position due to exceeding the "Closing Price" of the Stop Profit / Stop Loss level or the selected Ichimoku Tenkan-Sen / Kijun-Sen / Senkou-SpanB line. If the above-mentioned condition occurs, the EA will send a request to the broker's server to close the position on the first opening tick of the new candle.

Removing the chart window vs EA Running Wild.

If you want to remove (close) the unnecessary chart window, on which EA Running Wild was applied, it is recommended to first apply a clean template on the sheet and only close (remove) the chart window. The activity is not mandatory. Next, clear unnecessary Global Variables. To do this 1 open "Tools", from the drop-down menu 2 select "Global Variables" or use the keyboard shortcut "F3", 3 select and delete unnecessary records. Global Variables having a prefix of "**RW**_" pertain to Expert Advisor's Running Wild. Global variables having prefix "**WI**XXXYYY" (XXXYY — instrument symbol) concern Ichimoku Waves Meter indicator.

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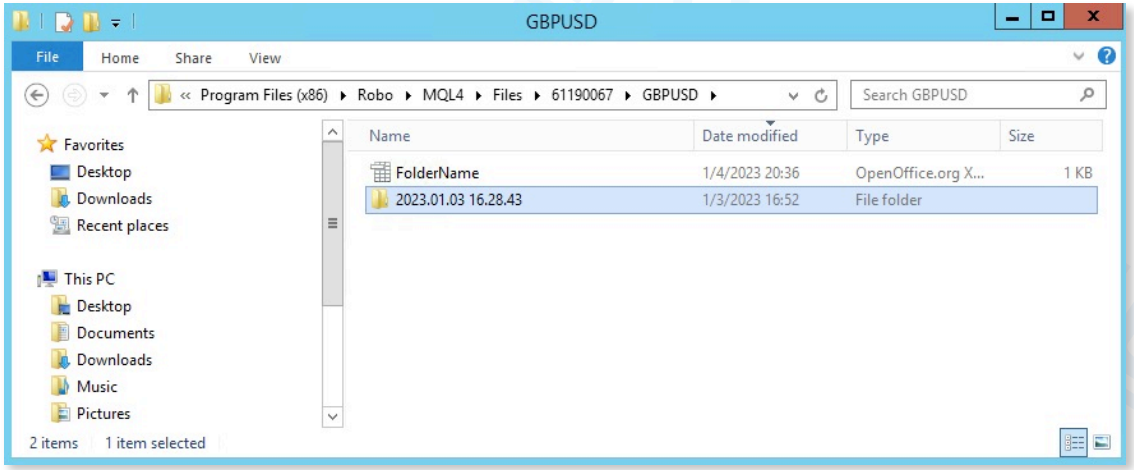
Archiving operations via screenshots (Real and Demo **PrtSc).**

EA Running Wild is equipped with the function of taking screenshots just before and just after the transaction. This gives you graphic documentation of the most significant moments of the transaction, it makes it easier to analyze the operation carried out. EA preset parameters No. 75 — 77 are responsible for PrtSc settings. The function is available both in real operations and for testing purposes.

PrtSc EA Running Wild — a place to store snapshots of real operations and demos. When EA concludes the first operation, new folders are created:

- Folder with the number of the trading account on which the real or demo operation is conducted.
  - Subfolder with the name of the traded instrument.
    - Subfolder with the exact date of opening of the first operation.



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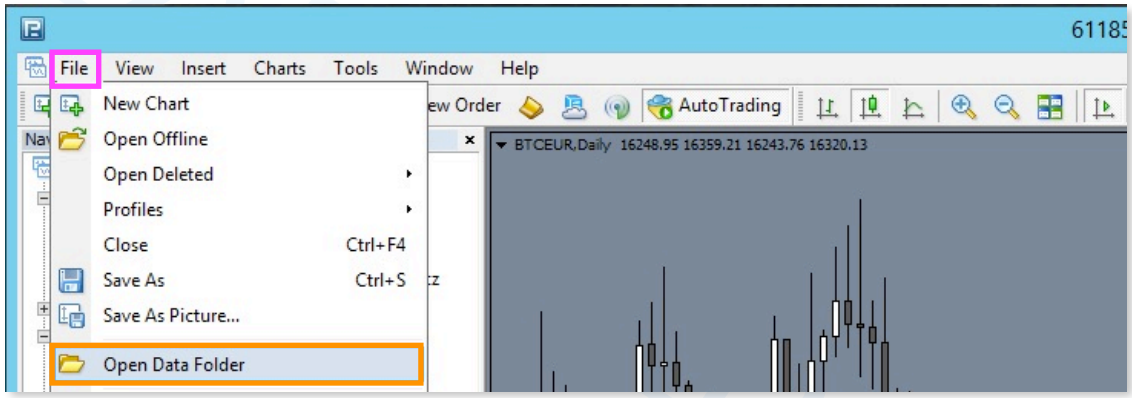
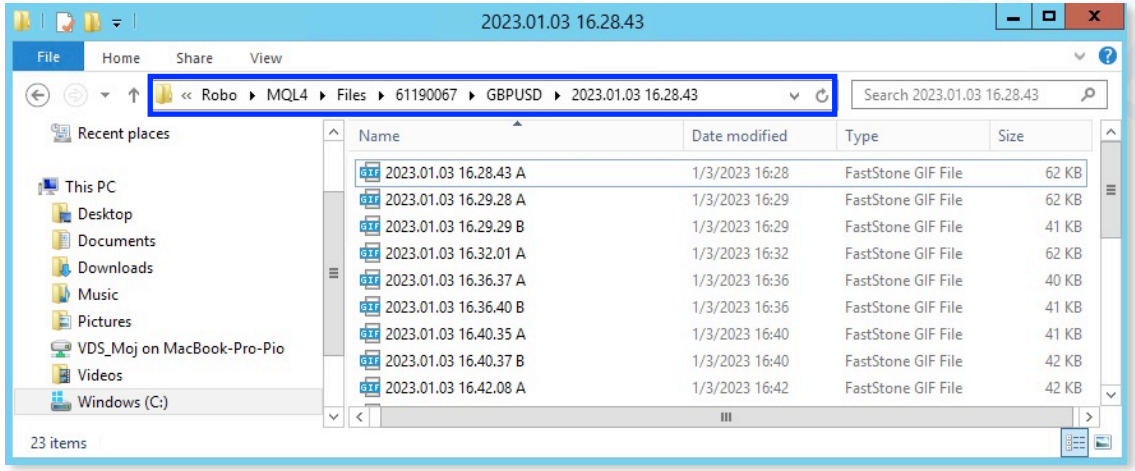
In order to open a sub-folder with the snapshots taken during the operation, you need to:

1 In the top menu bar, select the File tab on the left side. Then in the menu that will expand, 2 select Open Data Folder.



In the next step 3 open the MQL4 folder; 4 open the Files folder; 5 open the account number on which the operation is conducted folder; next 6 open the name of the operated instrument folder; in the last step 7 open the date of opening the operation folder.



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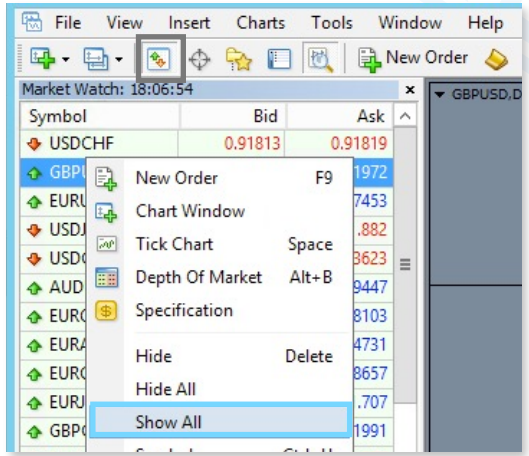
With the purchase of the license rights to the EA Running Wild program, a full version of the user manual will be provided.

VIII.Strategy tester — test your settings before you operate.

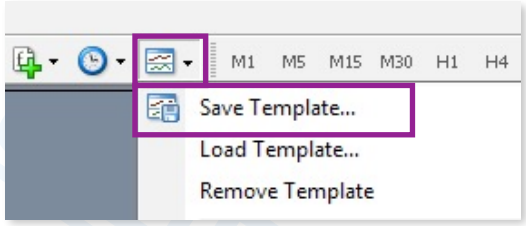
How to use the strategy tester on the MetaTrader 4 platform?

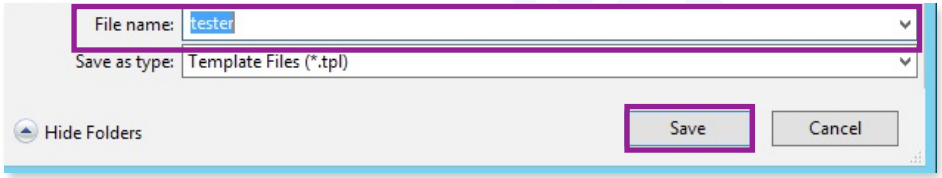
1. Before launching the tester.



A) Open the quotation window of the stock you are going to test; determine the test periods you are interested in. If the instrument is not available in the „Market Watch" window, hover the cursor over any name with quotations and press the right mouse button once. Select „Show All" from the drop-down menu — confirm the selection by pressing the left mouse button. Verify the availability of the instrument again. Open the window with its quotations.

B) Set the "Template" for the tester. Apply the „Template" you want the tester to use to the quotation window, or set individual parameters such as candle colours, background colours, etc. (the dedicated background color for EA is "SlateGray"). Then „Save Template" under the name „tester".





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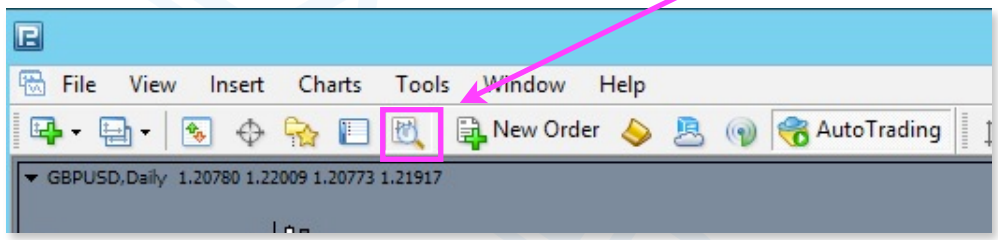
2. Launching the strategy tester.

Open the tester window by pressing the dedicated icon, or use the keyboard shortcut "Ctrl+R".



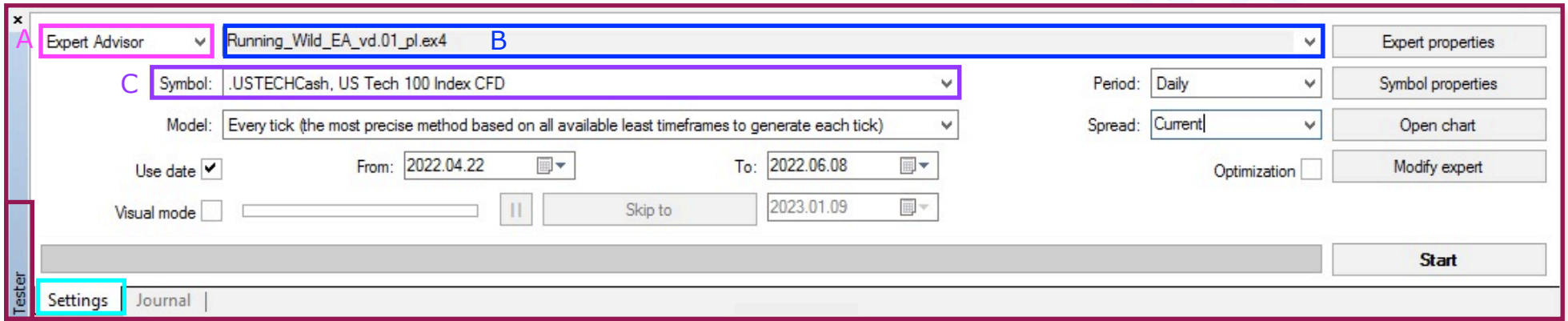
3. Main settings in the "Tester" window.

In the „Tester" window; the „Settings" tab, configure the main parameters:

A) In the top left window, from the drop-down menu, select „Expert Advisor".

B) In the middle top window, from the drop-down menu, select „Running_Wild_EA_vd.ex4".

C) In the „Symbol:" window, select the instrument you intend to test from the drop-down list. If it is not available, follow the steps in No. 1A above; then check the availability of quotes; then return to the "Tester" window and again select the „Symbol" for testing.



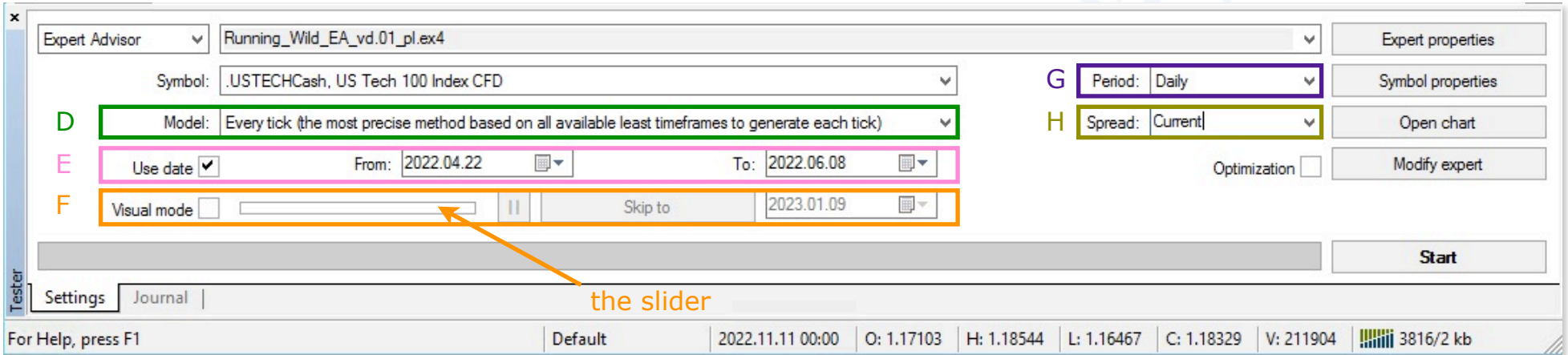
D) In the „Model” window set „Every tick”; this model gives the most reliable results.

E) Then check the box with a tick: „Use date ✅ From:… To:…” and designate the exact period within which the test is to be performed. The interval of dates (data) you set for the test period should be as short as possible, such as a single wave I or wave V, also due to the specifics of EA Running Wild. Try not to make it longer (for the daily TF test) than a period of two months. The longer the test period, the longer the time to download data from the broker's server and conduct the test. Conduct the first tests on periods of several days at most, in order to familiarize yourself with the functionality of the tester.

F) In order to conduct a test with visualization of concluded transactions, use the "visual mode" of the test — check the ✅ „Visual mode” window. However, we do not recommend using this option (❌) — it slows down the test many times; it is better to use the built-in function in EA Running Wild — "Archiving operations" (screenshots; preset parameter No. 75) performed by EA during the test; described in detail below under „verification of results from the conducted test”. If you will be using the visual test option, you can adjust its speed using the slider.

G) In the „Period” window, set the time frame of the test. The default TF for the EA is a daily chart.

H) The next box concerns the assumed value of the „Spread”; the default value is „Current”.

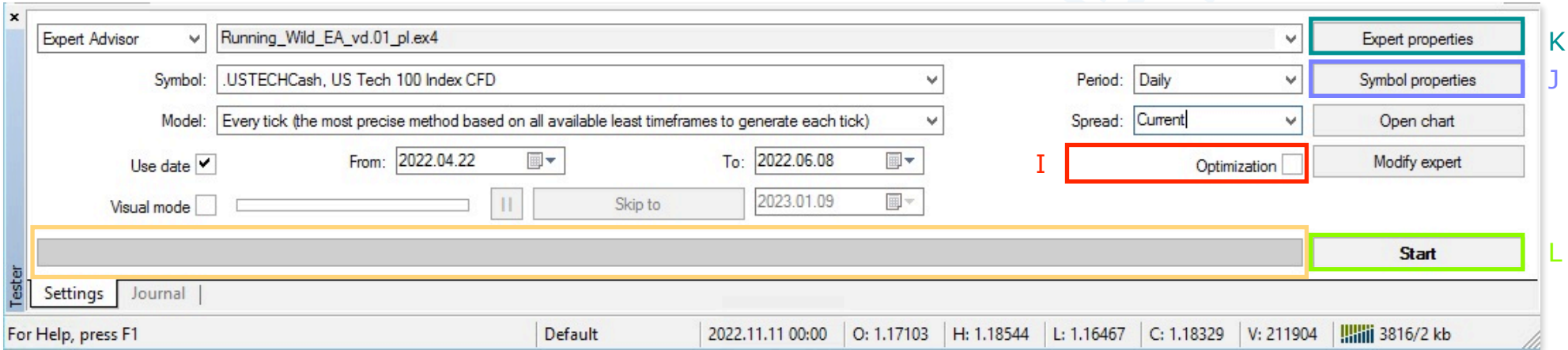


I) The ✖ („Optimization”) window for EA Running Wild should always be left blank. The specifics of the robot's operation exclude the automatic optimization option. If you have accidentally enabled this option, the tester may not open the operation.

J) In this step, check the „Symbol properties”. Open the contract specification window by pressing the aforementioned button and verify the hours of open trade in the "Trade" column, they may differ from the time of published quotes; the test must be conducted during open trade.

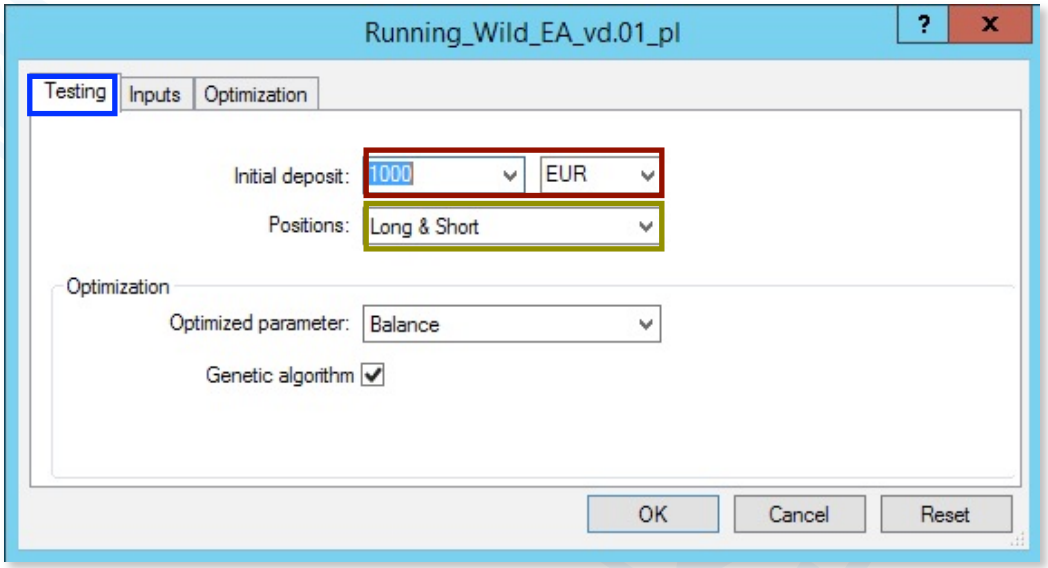
K) Then go to the robot's settings — press the„Expert properties” button.

L) When all the strategy properties are selected you can start the test. To do this, press the „Start button. Here, depending on what kind of high-speed Internet connection you have, how long a test period you have chosen and how powerful a machine you have, it can take from a few minutes to even a few hours. A single pulse test on TF D1 on a computer with a 16 CPU processor and 64 GB RAM usually takes several — several minutes. The lower test progres bar indicates how the test is progressing. If the test runs too fast it most likely means that something was set wrong and the test did not start / fly, and the EA did not include any operation. In such a case, verify everything again; the point may be helpful: „Operations conducted on the tester — FAQ”.



4. Settings of „Expert properties” during testing — addition to point no. 3 let. "K".

After pressing the „Expert properties” button, a new window will open; it includes three tabs: „Testing”, „Inputs", "Optimization". The third tab does not apply to EA Running Wild, due to its nature — not used.



In the first tab — „Testing” — you need to set the size of the „Initial deposit” and the type of currency. The EA must have sufficient funds to have something to manage. Setting the value too low may result in the EA not being able to open even the smallest available amount of the selected instrument, and the test flies through without opening the operation.

Leave the „Positions” parameter on: „Long&Short”.

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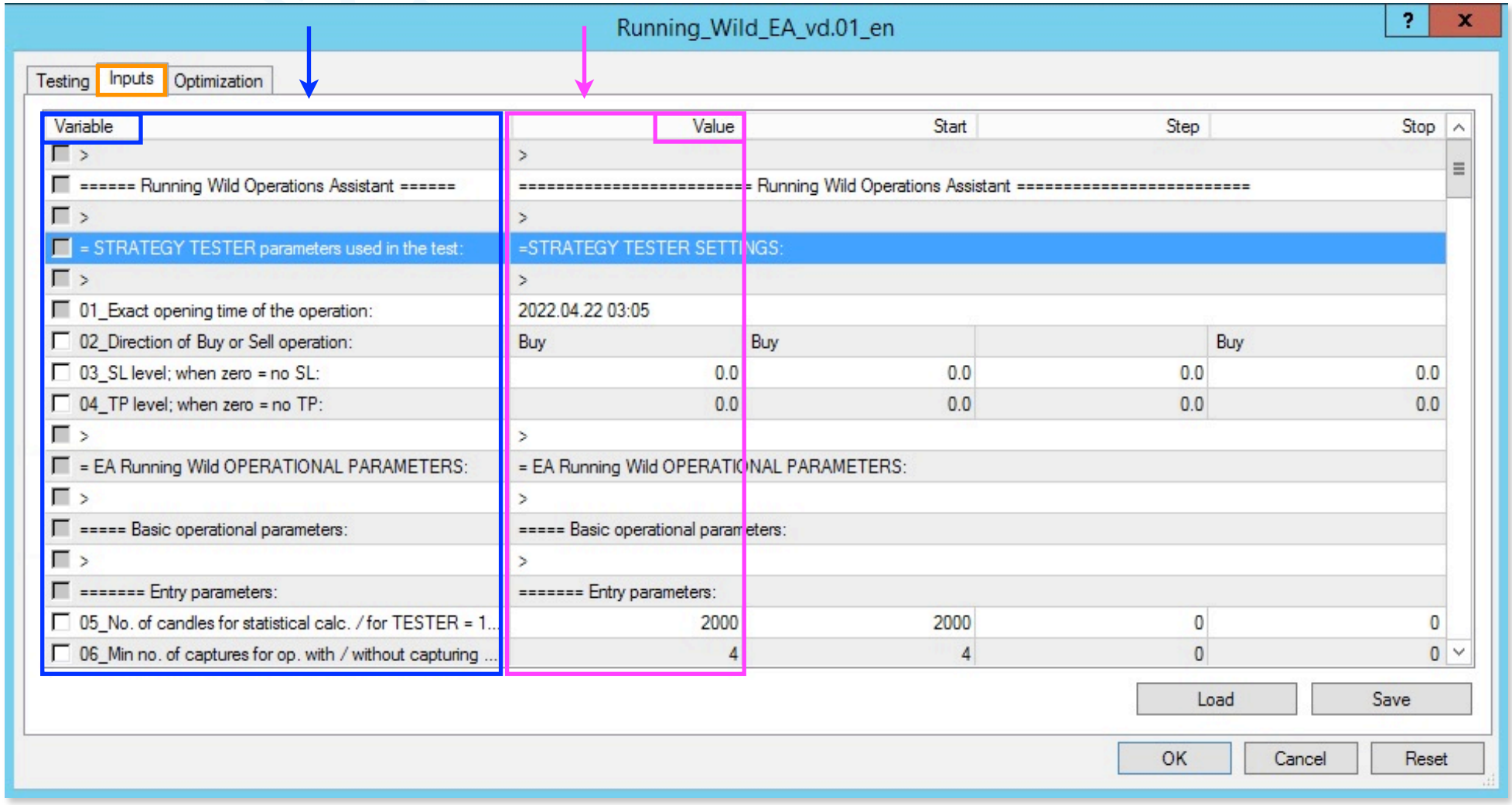
The second tab „Inputs” provides all the settings for the operation and robot under test. This is the most important tab that allows you to test individual „Variable”.

After opening the above tab for testing purposes, change the parameters only in the „Value” column. Columns "Start, Step, Stop" do not apply to EA Running Wild — not used due to the nature of its operation.



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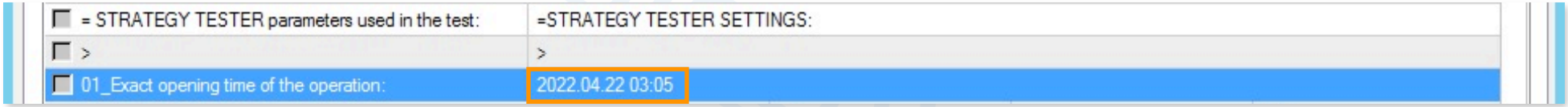
Below there are parameters you need to pay special attention to in the tester:

Parameter number: 01 "Exact operation opening time".

- Set the time of opening the first position according to the broker's server time, not the local time; it must be within the date range you have set for the test period. If necessary, adjust the parameter: "Use date ✅ From:... To:..." in the main "Tester" window (described in "E"). Usually, the start date of the test period coincides with the opening date of the operation, but the opening time of the operation must be adjusted to the trading hours of the instrument, not to the quotation hours, so sometimes the opening time of the operation must be delayed by, for example, five minutes or three hours and five minutes, etc. If the tester ran the whole test and the EA did not conclude any operation it is possible that this is the reason 🙂.



Parameter number: 05 "Number of candles for statistical calculations".

- For the tester, set parameter no. 05 to the maximum possible value = 1,000; however, this value cannot be greater than the available number of candles (quotes) for the instrument and TF on which you want to perform the test. For example, if your broker for the selected currency and time interval makes 407 bars available, then in the tester the above parameter must not exceed this value. In order to verify the number of available candles (quotes) before the test, you can plot the EA on the chart of this currency (on the same TF on which you will conduct the test), if the number of available bars will be less than the default setting of 2,000 candles, the EA will display an alert, in which it will give the available number of quotes, if the EA does not display the alert it means that there is a larger number of quotes available, and for the purpose of the test the parameter can be set to = 1,000. If the tester does not want to start or immediately flies the entire test it is possible that this setting is the cause :).

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Parameter number: 06 "Minimum number of captures for options with capturing".

- If you are running a pyramid test without capturing the size of the position or have a small initial deposit set the variable to = 1. A value greater than one may cause the EA to fail to take off — it will calculate that with the deposit you have, it is not possible to make the set number of lot captures (squeezes). There are no "alerts" available in the tester with hints about the reason.

Parameter number: 20 "Pilot maximum statistical price deviation from Tenkan-sen and Kijun-sen" and

Parameter number 21 "Number of occurrences in history":

- In the tester, having a maximum of 1,000 candles available for testing (parameter number 05), we have a short range at our disposal, the data for such a period often does not take into account major market changes from history (normally, in the market, 2,000 or more candles are used for calculations; the longer the period, the more precise the calculations); this can significantly affect the results — cause premature closure of operations on "Stop-Profit in accordance with Ichimoku". Therefore, for the purpose of the test, use one of the options:
  - A: Parameter number 20 "Pilot the maximum statistical deviation of the price from Tenkan-sen and Kijun-sen" change to "false" and do not use it during the test,
  - B: Parameter number 21 "Number of occurrences in history" change to "2" or to "1" to get approximate results; however, count on the fact that the parameter "Stop-Profit according to Ichimoku" may deviate significantly from market conditions measured for a period of 2,000 bars or more.

Parameters not used in the tester: 11, 57-71, 78-80.

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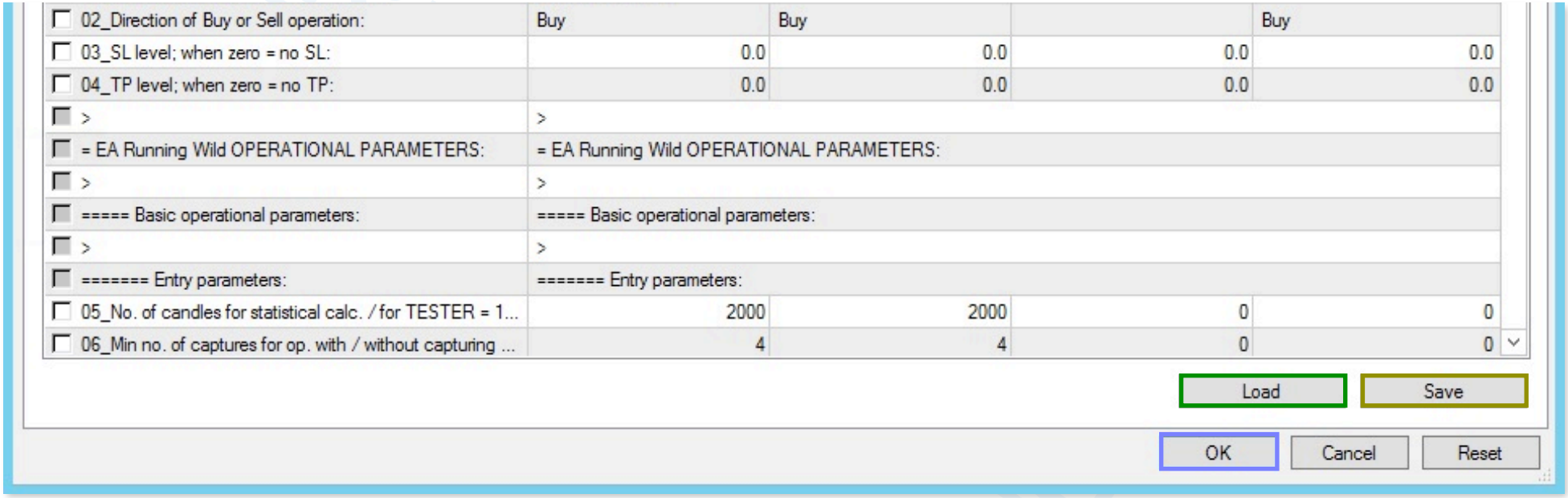
When all the parameters are selected you can save their setting as your own template. To do this, use the „Save” button; during the next test you will be able to load them using the „Load” button. You validate the settings by pressing the „OK” button.

Then you can run the test, as described in the above point no. 3, letter "L".



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5. Verification of the results from the test conducted.

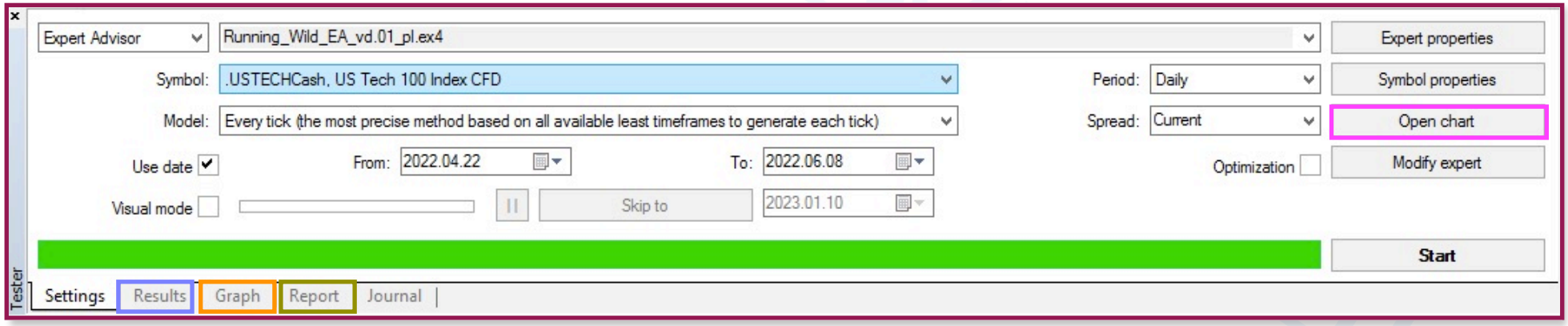
After the test, when the green test progress indicator has reached the end, you can preview the details of the trades made and how the capital changes, etc. Three new tabs are available at the bottom of the „Tester" window:

- „Results" — with a breakdown by operation.
- „Graph" — graphical summary of the course of changes in capital, broken down into"Balance" and "Equity".
- „Report" — a detailed summary report.

After the test is completed, you can also view the summary on the chart, for this purpose press the „Open chart" button — a chart window will open with the operations plotted; or scroll the chart to the appropriate date.

The methods described above are built-in summary solutions in the MT4 platform..

In creating EA Running Wild, we developed an additional method to facilitate the analysis of results and the impact of changing individual parameters on the outcome of operations.



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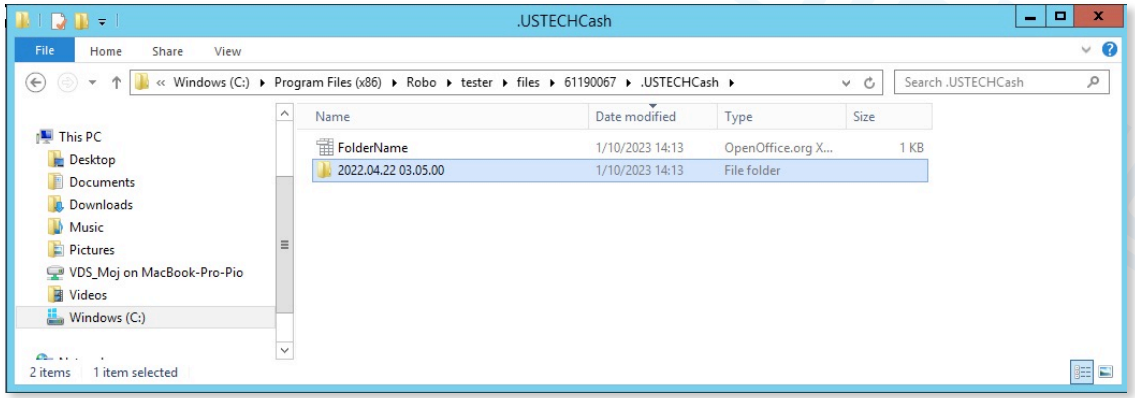
EA Running Wild — Archiving operations through the screenshot function (Tester PrtSc).

EA Running Wild has been equipped with a function to take screenshots just before and just after a deal is made. The function is available both in real operations and for testing purposes. It facilitates the analysis of one's own settings; it greatly speeds up the execution of tests, thanks to it one can dispense with the slow "visual mode", at the same time receiving graphic documentation of the most significant moments of the operation. EA preset parameters No. 75 — 77 are responsible for PrtSc settings.

PrtSc EA Running Wild — a storage place for tester snapshots. When EA concludes the first operation during the test, new folders are created:

- Folder with the number of the commercial account on which the test is conducted.
  - Subfolder with the name of the instrument under test.
    - Subfolder with the exact date of opening the first operation. If you will repeatedly run a test for the same instrument, with the same opening time in order to avoid overwriting the above subfolder between each test, change its name.



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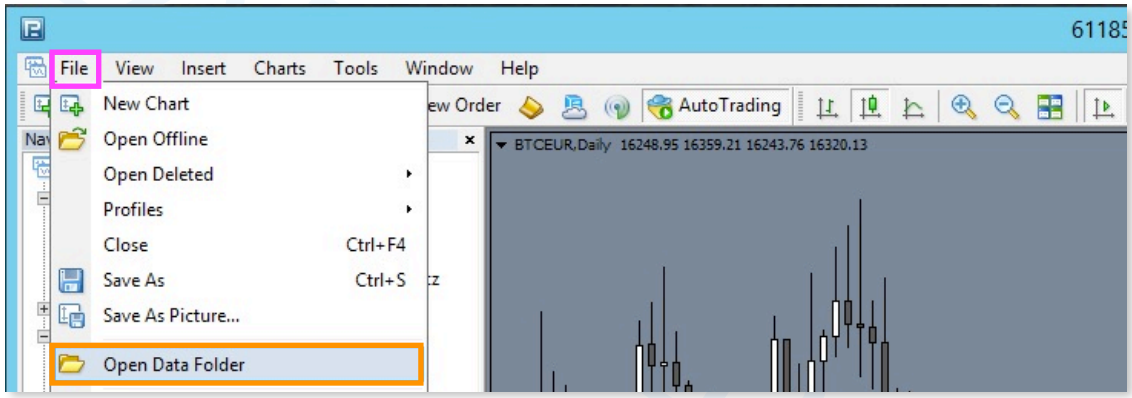
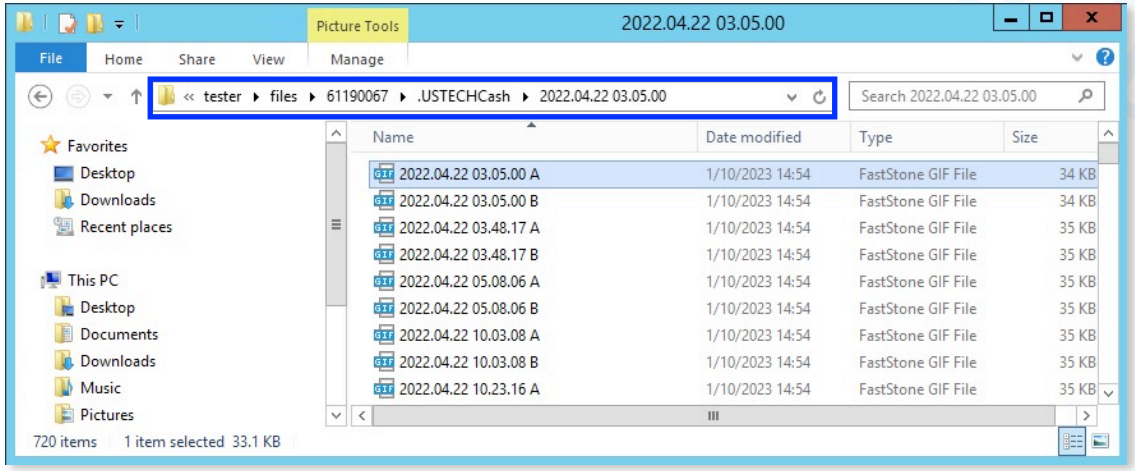
In order to open a subfolder with the snapshots taken during the test, you need to:

1 In the top menu bar, select the „File" tab on the left side. Then in the menu that will expand, 2 select „Open Data Folder".



In the next step 3 open the „tester" folder; 4 open the „files" folder; 5 open the „account number on which the test is conducted" folder; next 6 open the „name of the instrument under test"; in the last step 7 open the „date of operation opening" folder.



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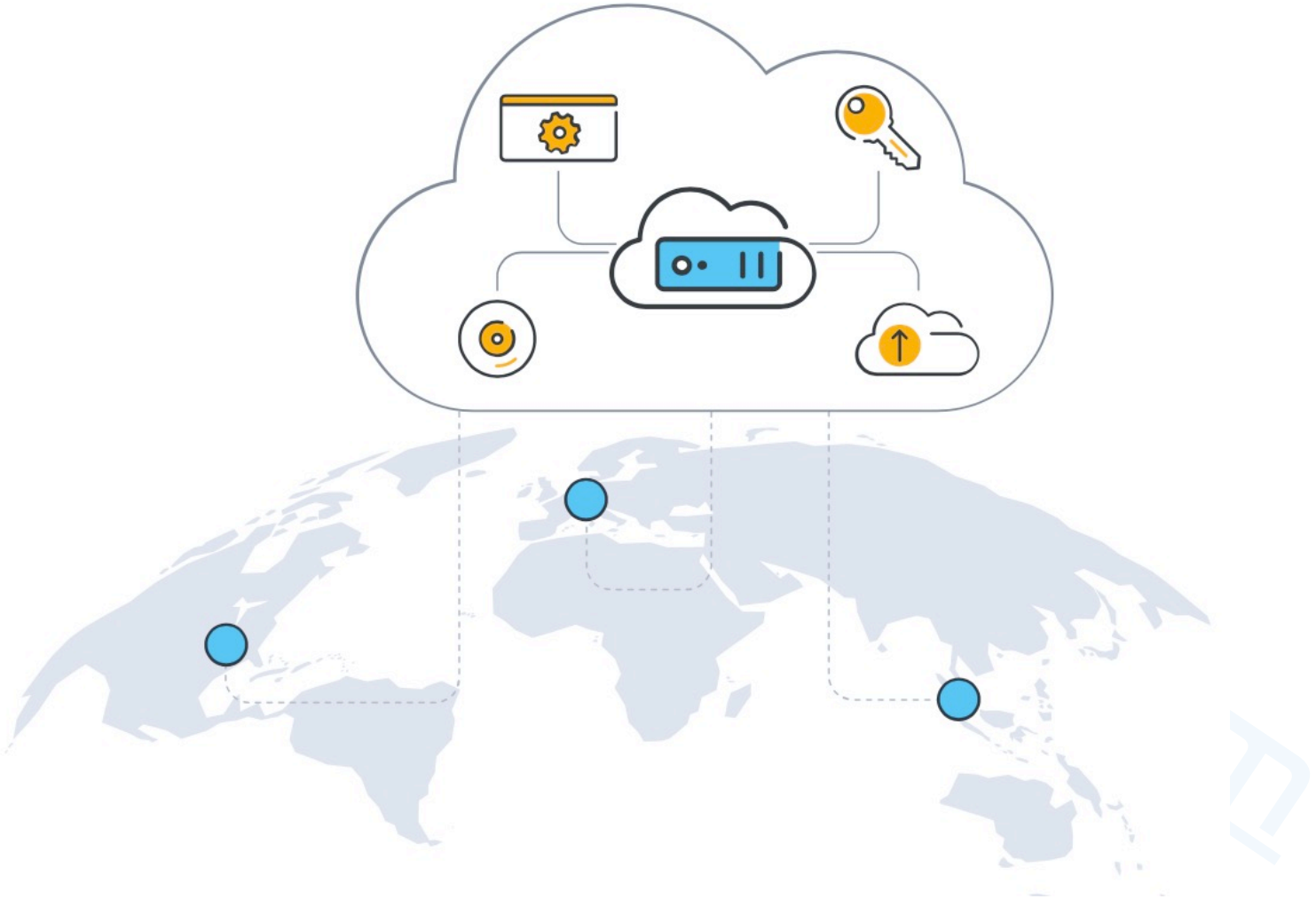
With the purchase of the license rights to the EA Running Wild program, a full version of the user manual will be provided.

X. EA Running Wild — **Operating on the real market.**

Before you take advantage of the amazing opportunities provided by EA Running Wild on the real market read the information provided in this paper!



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Hardware requirements:

For the proper functioning of any EA, including EA Running Wild, very high stability of the environment in which the EA works is required. This environment consists of both the stability of the computer (its operating system) and the stability of the Internet connection or power supply. The EA works from the MetaTrader platform on which it is installed and for its correct operation this platform must be attached with access to a stable Internet network during its activity.

Wanting to operate professionally in the financial market it is necessary to provide the above, operating from the level of "home" computer is fraught with too much risk of complications at the least expected moment. You can use ready-made solutions for this purpose, such as virtual dedicated servers, the so-called VDS.

When buying a virtual machine from a vendor, pay attention to the following parameters:

- Type of virtual machine. The preferred solution is Virtual Dedicated Servers, rather than the popular (often offered by brokers) Virtual Private Servers. A VPS is a virtual machine shared with other participants, which results in a multiple reduction in the availability of the virtual machine's computing resources during peak hours. Only VDS, or higher, provides stability during operation, including during peak hours.
- Installed operating system — the dedicated operating system for MetaTrader is Windows, can be Windows Server.
- Virtual machine power. For one running EA Running Wild (one open MT4 platform with EA installed) you should assume a minimum of 1GB of RAM, but no less than 8GB of RAM for your computer. Of course, the more powerful the machine the better. If you intend to simultaneously operate with EA Running Wild on six

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instruments, you will have to install MetaTrader 4 six times (one MT4 per instrument) and have these six platforms running at the same time with EA applied. In such a situation, you'd better use a machine that has a minimum of 16GB of RAM and a minimum of a 3-core physical processor. Increased demand for computing power occurs in situations of sudden and unforeseen changes in the market, at such moments there is usually a lot going on simultaneously on many instruments and your **Position Guidance Assistants** will have something to do.

- The physical location of the virtual machine. With any broker, one thing to realize is that the location of its headquarters and the location of its MetaTrader 4 servers are usually two very different places. Most brokers have their servers located in one of three key locations (New York, London, Amsterdam). Depending on which broker you use and where it has its MetaTrader 4 servers located, you should choose the location for your virtual machine. The shorter the physical distance as a rule, the lower the latency times of the so-called pings measured in [ms]. If you will be operating on daily charts this is not such an important parameter and a ping of even 500 [ms] should not cause problems. The lower the interval you choose to trade, the more important this parameter will be. Remember, however, that even a ping of zero [ms] does not guarantee access to the real quotation, which is reserved only for financial institutions. As individual clients also on ECN accounts, we have access to the so-called "second level of quotations", i.e. to quotations delayed by about 150-200 [ms] in relation to the interbank market, which is a huge delay, for example, during the entry of news or publication of data. Therefore, it is not always worth chasing the unsurpassed and it is better to focus on operating on higher time intervals, where, as they increase, this parameter becomes less important.

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When working on the Virtual Machine, it is advisable to maintain a high level of operational hygiene, so that nothing interferes with the work of your virtual employees; it is advisable to:

- Disable all possible operating system updates.
- Restart (reboot) Windows once every two to three weeks or after closing all operations.
- Have only those MT4s on which EAs work enabled so as not to burden the computer with other unnecessary calculations, etc.
- Use the server for operational purposes only, so as not to accidentally infect it.
- Have only one profile and one chart sheet on each of the MT4 platforms running, on which the EA works.
- After each closed operation it is advisable to:
  - Remove EA from the sheet; clean the sheet by applying a clean template (without indicators, etc.).
    - If auxiliary graphic lines (1) remain on the chart after, for example, an unexecuted pending order; you can remove them by pressing the button on the EA work panel several times: "Set order: Manually(1) / Graphically (2)", so that the button indicates zero.
  - Clean global variables — 1 open "Tools", from the drop-down menu 2 select "Global Variables" or use the keyboard shortcut "F3", 3 select and delete unnecessary records having the prefix „**RW**_".
  - Restart the MT4 platform.

It is required to install on a virtual machine:

1. font: **„Webdings**,
2. desktop version of the **MetaTrader 4** program.

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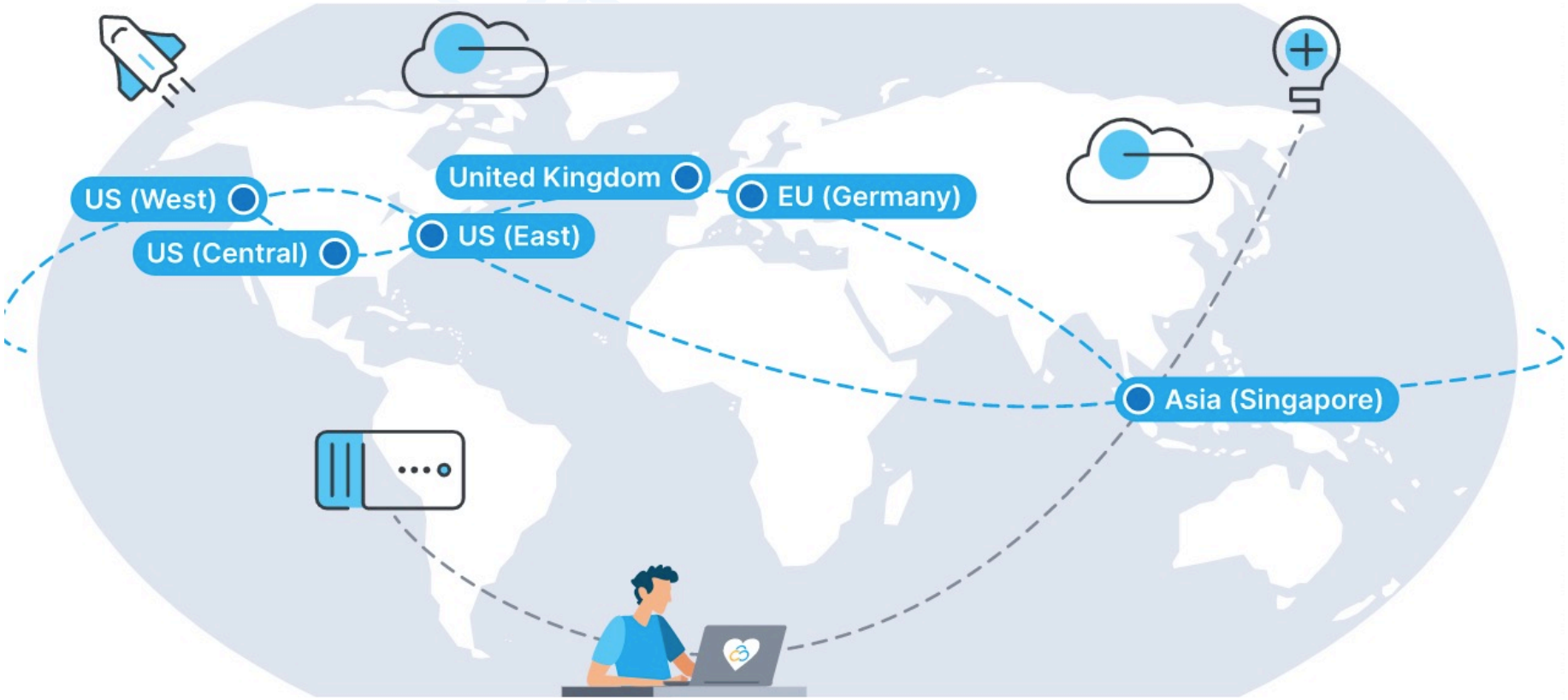
How can you optimize virtual machine costs?

Reducing virtual machine costs can be realized by using one machine (with one IP address) for two users. One Windows license allows the creation of two user accounts. One of the users is the Administrator. Both users can use the same machine at the same time. Note, however, that with such a configuration, you need to increase the power of the virtual machine to such a level that it can handle two users and the total number of EAs to work on it.

As for our part, for working on daily charts we can recommend the provider www.contabo.com



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An up-to-date collection of frequently asked questions and their answers can be found on our website under the FAQ tab, we encourage you to familiarize yourself with its contents on: https://ichimoku.eu/en/faq

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